

STATE OF NEW YORK
CONSERVATION DEPARTMENT
WATER RESOURCES COMMISSION

CHLORIDE CONCENTRATION AND TEMPERATURE
OF THE WATERS OF NASSAU COUNTY,
LONG ISLAND, NEW YORK

By
F.A. DeLuca, J.F. Hoffman, and E.R. Lubke
U.S. Geological Survey



Prepared by the
U. S. GEOLOGICAL SURVEY
in cooperation with the
NEW YORK WATER RESOURCES COMMISSION
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NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS

BULLETIN 55
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WATER RESOURCES COMMISSION

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INTRODUCTION

Nassau County comprises an area of about 274 square miles in western Long Island (fig. 1). It is bounded on the east by Suffolk County, on the west by Queens County, on the north by Long Island Sound, and on the south by the Atlantic Ocean. The U. S. Geological Survey in cooperation with the New York State Water Resources Commission and the Nassau County Department of Public Works has carried on monitoring and investigatory programs on the water resources of Nassau County since 1932. Chloride and temperature determinations are important aspects of the hydrologic monitoring program in Nassau County. The purpose of this report is to present a summary of these basic data to supplement interpretative reports which have been published or are in preparation.

The chloride and temperature measurements in this report include most published and unpublished data from about 1895 to 1962. Tables 1 and 3 summarize the ranges of temperature and chloride content of water from wells and streams sampled more than once; however, selected single determinations also have been included in those tables to provide a better representation of early conditions and a better areal coverage. Some individual temperature measurements and chloride concentrations for sites sampled periodically are presented in tables 2 and 4.

Additional data on water temperature and chloride content are on file at the U. S. Geological Survey office at Mineola, New York.

Chloride analyses were made by the U. S. Geological Survey; Nassau County Department of Health; Nassau County Department of Public Works; New York State Department of Health; and the City of New York Department of Water Supply, Gas and Electricity. Most temperature measurements were made by the U. S. Geological Survey with laboratory-type mercury thermometers calibrated directly to the nearest tenth of a degree.

The principal water-bearing units in Nassau County are the upper Pleistocene deposits and Jameco Gravel of Pleistocene age and the Magothy(?) Formation and the Lloyd Sand Member of the Raritan Formation of Late Cretaceous age. Deposits of Recent age are largely restricted to the coastal areas and are a minor source of water, owing to their thinness and the high chloride content of the water that they contain in most places. Detailed descriptions of the geology and hydrology of these units and the extent of sea-water encroachment in Nassau County are given in reports by Perlmutter and Geraghty (1963), Swarzenski (1963), Luszynski and Swarzenski (1965), Isbister (1964), and Veatch and others (1906). Records of wells are given in Leggette and others (1938), Roberts and Brashears (1946), and Johnson and others (1958).

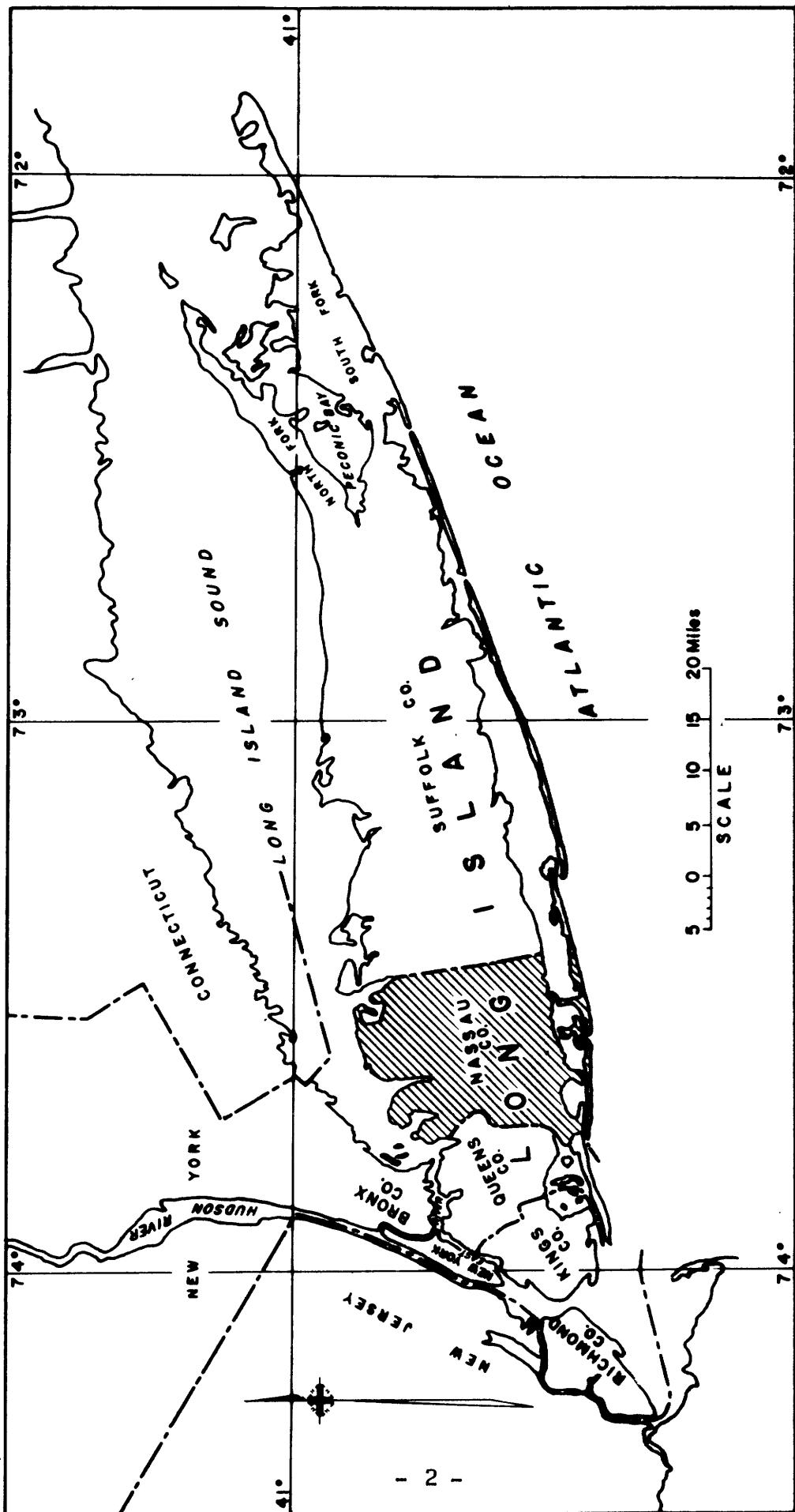


Figure 1.--Map of Long Island showing location of Nassau County.

Plate 1 shows the location of wells and surface-water bodies for which either chloride or temperature determinations, or both, are presented. Map coordinates of each well and surface-water sampling site are shown in tables 1 and 3 by the letter and number of the grid square within which the well or site is shown on plate 1.

About 6,200 chloride determinations from 540 wells, and about 3,150 temperature determinations from 380 wells are given in tables 1 and 2. Water samples were collected from observation, public-supply, and industrial wells. The water-bearing rock unit tapped by each well is shown in the geologic source column of table 1. The wells are listed serially by the official New York State well number (N1, N10, etc.). These numbers indicate approximately the chronological order in which the wells were drilled. The prefix "N" is omitted for convenience from the well numbers shown on plate 1.

Tables 3 and 4 list 48 chloride determinations and about 1,200 temperature determinations from 48 sites on streams and ponds. Stream samples are prefixed by "NS" and are numbered serially. Miscellaneous chloride and temperature measurements were made at surface-water sites NS1 - NS38. Surface-water temperatures are monitored monthly at sites NS39 - NS48.

CHLORIDE CONCENTRATION

In the ground waters sampled, chloride concentrations ranged from about 2 to 9,200 ppm (parts per million) in the upper Pleistocene deposits, 2 to 12,900 ppm in the Jameco Gravel, about 1 to 16,700 ppm in the Magothy(?) Formation, and about 1 to 2,800 in the Lloyd Sand Member of the Raritan Formation. Most of the chloride concentrations listed in the tables are less than 10 ppm and represent uncontaminated water. Concentrations in excess of this amount generally are attributed to one or more of five principal sources of contamination: (1) sea water, (2) fertilizer, (3) domestic wastes, (4) industrial wastes, and (5) road salting.

Chloride concentrations in the streams generally ranged from about 5 to 25 ppm. Samples from estuaries and bays contain several hundred to about 16,000 ppm of chloride. A sample of Atlantic Ocean water collected south of Long Beach (pl. 1, A-5) had a chloride concentration of about 17,000 ppm.

The U. S. Public Health Service (1962) recommends that chloride in drinking water should not exceed 250 ppm if other more suitable water supplies are available. Larger amounts of chlorides -- as much as 500 ppm -- in drinking water may not be harmful, but the water may taste salty if concentrations are in excess of 250 ppm.

Sea-water contamination of Nassau County's ground water is restricted to the near-shore areas in the southern and northern parts of the county. Part of the salty water occurs naturally, part is due to pumping of wells, which draws in tongues or wedges of salty ground water, and part is due to inundation of low-lying shoreline areas during extraordinary high tides. Some scattered high chloride concentrations (as high as 2,500 ppm) in the ground water of northwestern Nassau County are due to contamination resulting from the intermittent use of salty bay water in washing sand and gravel for commercial use. (Swarzenski, 1963, p. 51.)

At Port Washington (northern Nassau County, pl. 1), salt-water encroachment in the Jameco Gravel was first detected in 1944. After shutdown of most of the deep wells and curtailment of pumpage from the remaining wells about 1955, the chloride content gradually decreased. In the same general area part of the shallow deposits is contaminated by salty bay water used for washing sand and gravel. On the east side of the Port Washington area near Bar Beach brackish water from sand- and gravel-washing operations has contaminated both the shallow and the deep deposits.

In southwestern Nassau County the landward limit of the main wedge of salty water in the Pleistocene deposits and the Magothy(?) Formation trends irregularly northwest from about a mile or two east of Lido Beach to Woodmere at the Queens County line (Luszczynski and Swarzenski, 1965). The position of this salt-water front is moving slowly inland due to pumping. The present rate of advance of the front is probably less than 10-20 feet per year regionally, but locally, near pumping wells, it may be as much as several hundred feet per year (Perlmutter and Geraghty, 1963, p. 103-107 and Luszczynski and Swarzenski, 1965).

The use of fertilizers prior to the year 1945, when much of Nassau County was farmed, has caused some small increases locally in the chloride content of the ground water. At the present time, the use of fertilizers is generally limited to lawns, but the residual effects of their former use is still apparent in some areas.

Domestic wastes are discharged in many parts of Nassau County through cesspools, septic tanks, or leaching beds. Ground water in the immediate vicinity of such installations commonly contains above-normal concentrations of chloride derived from human wastes. The contamination from this source is greatest in the upper Pleistocene deposits beneath densely populated residential areas.

Possible sources of chloride contamination by industrial wastes in Nassau County include brine from ice plants, meat-packing and food-processing plants, and salts from electroplating operations. The disposal of such waste waters through recharge basins and wells may cause some increase locally in the chloride content of the ground water.

Calcium chloride and sodium chloride are used on some roads and highways in Nassau County for ice control in the winter and dust control in the summer. Chloride concentrations in the ground water near treated roads may be high temporarily, but they decrease rapidly away from the treated areas due to dilution from recharge and diffusion. Above-normal chloride concentrations may occur also in ground water in the vicinity of recharge basins that receive storm and melt water from roads which have been salted.

WATER TEMPERATURE

The temperature of ground water to a depth of about 200 feet below land surface is generally about 3° to 6°F above the average annual air temperature (Collins, 1925, p. 98). Below about 200 feet the temperature of the ground water increases about 1°F for each 60 to 100 feet of depth.

Natural ground-water temperatures in Nassau County generally range from about 50°F in the upper Pleistocene deposits to about 70°F in the Lloyd Sand Member. Ground water is commonly used in cooling and air-conditioning systems in Nassau County because of its ready availability, low cost and relatively constant temperature.

The New York State Water Resources Commission requires that water pumped for air-conditioning systems at a rate in excess of 45 gpm (gallons per minute) be returned to the source aquifer, to conserve the quantity of available ground water. In some places this may reduce the usefulness of the water for further cooling purposes. No widespread thermal pollution has been detected to date but high water temperatures have been reported locally at scattered wells in commercial areas where supply wells and recharge wells are relatively closely spaced and are screened at about the same depths.

Surface water is not generally used for cooling because of its large variation in temperature. Surface-water temperatures fluctuate over a wide range diurnally and seasonally because of variations in air temperature and radiation from the sun. The average monthly temperature of surface water can be expected to be within a few degrees of the average monthly air temperature when the air temperature is above freezing.

REFERENCES

Collins, W. D., 1925, Temperature of water available for industrial use in the United States: U. S. Geol. Survey Water-Supply Paper 520-F, p. 97-104.

Isbister, John, 1964, Geology and hydrology of northeastern Nassau County, Long Island, New York: U. S. Geol. Survey open file report.

Johnson, A. H., and others, 1958, Record of wells in Nassau County, New York, Supplement 2: New York State Water Power and Control Comm. Bull. GW-39, 308 p.

Leggette, R. M., and others, 1938, Record of wells in Nassau County, New York: New York State Water Power and Control Comm. Bull. GW-5, 140 p.

Luszczynski, N. J., and Swarzenski, W. V., 1965, Salt-water encroachment in southern Nassau and southeastern Queens Counties, Long Island, New York: U. S. Geol. Survey Water-Supply Paper 1613-F (in press).

Perlmutter, N. M., and Geraghty, J. J., 1963, Geology and ground-water conditions in southern Nassau and southeastern Queens Counties, Long Island, New York: U. S. Geol. Survey Water-Supply Paper 1613-A, 205 p.

Roberts, C. M., and Brashears, M. L., Jr., 1946, Record of wells in Nassau County, New York, Supp. 1: New York State Water Power & Control Comm. Bull. GW-10, 191 p.

Swarzenski, W. V., 1963, Hydrogeology of northwestern Nassau and northeastern Queens Counties, Long Island, New York: U. S. Geol. Survey Water-Supply Paper 1657, 90 p.

U. S. Public Health Service, 1962, Drinking Water Standards, 1962: U. S. Public Health Service Pub. 956, 61 p.

Veatch, A. C., and others, 1906, Underground water resources of Long Island, New York: U. S. Geol. Survey Prof. Paper 44, 394 p.

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

Map coordinates:	Letter and number of grid square shown on plate I.	Use:	A, abandoned; C, cooling or air conditioning; D, domestic or institutional; Diff, diffusion or recharge; G, general; Ind, industrial; Irr, irrigation; O, observation; PS, public supply; T, test well; U, unused.
Owner:	Cit. WSC, Citizens Water Supply Company; Comm., Commission; Jam. WSC, Jamaica Water Supply Company; NCDPW, Nassau County Department of Public Works;	Screened depth:	Feet below land surface.
	NYCBWS, New York City Board of Water Supply; NYCDWS&E, New York City Department of Water Supply, Gas and Electricity; NYNSD, New York Water Service Division of Utilities and Industries Corporation; USGS, United States Geological Survey; Vill., Village; WD, Water District.	Geologic source:	J, Jameco Gravel; L, Lloyd Sand Member of Raritan Formation; M, Magothy(?) Formation; P, Pleistocene deposits undifferentiated; R, clay member of Raritan Formation; Re, Recent deposits; uP, upper Pleistocene deposits.

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

Well	Map coordinates	Locality	Other	Use	Screened depth (feet)	Geologic source	Chloride concentration			Chloride concentration			Chloride concentration			Water temperature					
							Period of record (years)	No. of samples	Highest of record	Date	Chloride (ppm)	Lowest of record	Date	Chloride (ppm)	Period of record (years)	No. of samples	Highest of record	Date	Temperature (°F)	Lowest of record	Date
N1	B-5	Cedarhurst	Knickerbocker Ice Co.	Jam. WSC	51	up	1933-62	2	55	May 10, 1933	50	June 13, 1933	50	May 10, 1933	50	22	1962	1	53.8	22	1962
N10	C-5	E. Mount	do.	PS 309-399	16	M	1935-61	30	16	Jan. 4, 1955	9.8	Feb. 27, 1955	9.8	Mar. 10, 1947	9.8	1	1962	1	53.8	22	1962
N11	C-5	do.	do.	PS 375-409	11	M	1944-61	21	13	Mar. 4, 1952	9.8	Mar. 10, 1947	9.8	Mar. 10, 1947	9.8	2	1962	2	53.8	22	1962
N12	C-5	do.	do.	PS 362-422	12	M	1940-59	22	6.5	June 15, 1954	3.6	June 15, 1954	3.6	Mar. 10, 1947	3.6	1	1962	1	53.8	22	1962
N13	C-5	do.	do.	PS 223-283	22	M	1941-57	22	12	Feb. 15, 1954	1.6	Mar. 10, 1947	1.6	Mar. 10, 1947	1.6	1	1962	1	53.8	22	1962
N14	C-5	New Hyde Park	do.	PS 77-107	13	M	1941-61	13	18	Sept. 15, 1959	9.5	Sept. 15, 1959	9.5	Sept. 15, 1959	9.5	1	1962	1	53.8	22	1962
N15	C-5	do.	do.	PS 72-102	13	M	1935-61	13	23	June 15, 1941	9.4	Mar. 20, 1940	9.4	Mar. 20, 1940	9.4	1	1962	1	53.8	22	1962
N16	C-5	do.	do.	PS 318-438	18	M	1938-47	9	9	Apr. 15, 1941	5	Mar. 20, 1940	5	Mar. 20, 1940	5	1	1962	1	53.8	22	1962
N17	C-5	do.	do.	PS 405-465	19	M	1940-62	19	18	June 15, 1941	4.3	Mar. 20, 1940	4.3	Mar. 20, 1940	4.3	1	1962	1	53.8	22	1962
N21	D-5	Great Neck	Cit. WSC	PS 144	14	L	1947-49	2	14	July 6, 1949	8	Aug. 21, 1947	8	Aug. 21, 1947	8	1	1962	1	53.8	22	1962
N22	D-5	do.	do.	PS 126-146	5	M	1947-62	5	12	July 6, 1949	6.6	June 26, 1952	6.6	June 26, 1952	6.6	1	1962	1	53.8	22	1962
N23	D-5	do.	do.	PS 104-434	23	M	1937-62	23	12	July 6, 1949	3	Aug. 21, 1947	3	Aug. 21, 1947	3	1	1962	1	53.8	22	1962
N24	D-5	Manhasset	Lakeville WD	PS 259-419	19	L	1932-62	23	8	Aug. 21, 1940	4	Nov. 22, 1932	4	Nov. 22, 1932	4	1	1962	1	53.8	22	1962
N27	D-5	do.	do.	PS 211-225	2	M	1934-56	2	11	Jan. 11, 1956	1.1	July 1, 1954	1.1	July 1, 1954	1.1	1	1962	1	53.8	22	1962
N28	D-5	Plandome	PS 111-136	up	1939-62	9	6.2	Apr. 21, 1960	3.6	Jan. 17, 1962	3.6	Jan. 17, 1962	3.6	1	1962	1	53.8	22	1962		
N29	D-5	do.	do.	PS 206	10	M	1939-62	10	8.0	Sept. 14, 1956	5.8	Jan. 17, 1962	5.8	Jan. 17, 1962	5.8	1	1962	1	53.8	22	1962
N30	D-5	Kings Point	Cit. WSC	PS 164-204	5	M	1940-57	5	5.8	Sept. 23, 1957	5	Sept. 23, 1957	5	Sept. 23, 1957	5	1	1962	1	53.8	22	1962
N31	D-5	do.	do.	PS 173-233	9	M	1939-52	9	10	July 6, 1949	4.5	Aug. 25, 1943	4.5	Aug. 25, 1943	4.5	1	1962	1	53.8	22	1962
N32	E-5	Port Washington	do.	PS 2--	1	M	1937-42	20	30	June 20, 1940	2	Sept. 26, 1937	2	Sept. 26, 1937	2	1	1962	1	53.8	22	1962
N33	E-5	do.	do.	PS 239-340	23	L	1940-49	23	30	Dec. 27, 1949	5	Sept. 26, 1940	5	Sept. 26, 1940	5	1	1962	1	53.8	22	1962
N35	E-5	Sands Point	Vil. of Sands Point	PS 207-357	5	L	1944-57	5	150	Jan. 15, 1946	5.40	Aug. 19, 1957	5.40	Aug. 19, 1957	5.40	1	1962	1	53.8	22	1962
N36	E-5	do.	do.	PS 200-214	10	M	1940-62	10	12	July 7, 1949	6.6	July 1, 1947	6.6	July 1, 1947	6.6	1	1962	1	53.8	22	1962
N37	E-5	Long Beach	City of Long Beach	PS 220	5	M	1938-57	5	14	July 7, 1949	8	Aug. 20, 1947	8	Aug. 20, 1947	8	1	1962	1	53.8	22	1962
N40	N-5	do.	do.	PS 1300	13	M	1932-51	13	11	Aug. 3, 1933	2	Dec. 7, 1945	2	Dec. 7, 1945	2	1	1962	1	53.8	22	1962
N41	N-5	do.	do.	PS 1935-155	20	M	1937-62	20	20	Sept. 27, 1942	2	Dec. 7, 1945	2	Dec. 7, 1945	2	1	1962	1	53.8	22	1962
N42	N-5	do.	do.	PS 220-608	31	M	1934-55	31	31	Dec. 15, 1937	2	Sept. 26, 1937	2	Sept. 26, 1937	2	1	1962	1	53.8	22	1962
N43	B-5	do.	do.	PS 1193-1263	31	L	1936-62	31	10	Sept. 22, 1934	2.4	Sept. 22, 1934	2.4	Sept. 22, 1934	2.4	1	1962	1	53.8	22	1962
N44	B-5	do.	do.	PS 1195-1265	31	M	1934-62	31	70	Sept. 22, 1934	2.4	Sept. 22, 1934	2.4	Sept. 22, 1934	2.4	1	1962	1	53.8	22	1962
N45	B-5	Lido Beach	Channel Management Corp.	PS 1042-1122	51	L	1932-49	51	10	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N46	B-5	Rockville Centre	Vil. of Rockville Centre	PS 449-520	60	M	1932-54	60	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N49	B-5	do.	do.	PS 304-330	20	M	1932-53	20	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N50	B-5	do.	do.	PS 436-512	29	M	1932-62	29	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N52	B-5	do.	do.	PS 454-539	38	M	1932-62	38	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N57	B-5	Freepoint	Cit. of Freeport	PS 1052	18	M	1946-62	18	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N58	B-5	do.	do.	PS 150-509	32	M	1940-62	32	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N59	B-5	do.	do.	PS 444-494	34	M	1942-62	34	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N60	B-5	Rockville Centre	Vil. of Rockville Centre	PS 142-604	34	M	1942-62	34	8	Sept. 22, 1934	4	Sept. 22, 1934	4	Sept. 22, 1934	4	1	1962	1	53.8	22	1962
N75	C-6	Hempstead	West Hempstead-Hempstead Gardens	PS 133-181	10	M	1943-62	10	15	Sept. 8, 1959	8.2	Mar. 23, 1943	8.2	Mar. 23, 1943	8.2	1	1962	1	53.8	22	1962
N76	C-6	do.	do.	PS 314-195	10	M	1943-61	10	9.6	May 8, 1952	7	June 30, 1952	5.2	July 1, 1952	5.2	1	1962	1	53.8	22	1962
N77	C-6	do.	do.	PS 318-371	5	M	1943-62	5	7.1	June 15, 1952	3.9	July 1, 1952	3.9	July 1, 1952	3.9	1	1962	1	53.8	22	1962
N79	C-6	do.	do.	PS 328-418	12	M	1943-62	12	10	July 15, 1952	4.8	Sept. 2, 1952	4.8	Sept. 2, 1952	4.8	1	1962	1	53.8	22	1962
N80	C-6	do.	do.	PS 429-480	8	M	1942-62	8	9.5	Sept. 2, 1952	4.8	Sept. 2, 1952	4.8	Sept. 2, 1952	4.8	1	1962	1	53.8	22	1962
N81	C-6	do.	do.	PS 360-412	10	M	1943-62	10	10	Oct. 6, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N82	C-6	do.	do.	PS 534	9	M	1942-62	9	7.4	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N83	C-6	do.	do.	PS 26-1321	7	M	1942-62	7	9.4	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N87	C-6	Garden City Inc.	Double Lady Doran & Co., Inc.	PS 742-782	18	L	1943-47	18	6	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N91	C-6	do.	do.	Vil. of Garden City	--	--	1943-61	6	55	Aug. 26, 1959	27	July 21, 1943	27	July 21, 1943	27	1	1962	1	53.8	22	1962
N93	C-6	do.	do.	PS 44-77	8	M	1943-59	8	24	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N94	C-6	do.	do.	PS 322-372	8	M	1943-56	8	25	Oct. 6, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N95	C-6	do.	do.	PS 474-534	7	M	1942-62	10	10	Oct. 6, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N97	C-6	do.	do.	PS 310-369	9	M	1943-61	9	7.2	Oct. 6, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N98	C-6	do.	do.	PS 192-262	10	M	1943-62	10	8.2	July 31, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N99	C-6	do.	do.	PS 194-361	9	M	1943-62	10	10	Oct. 6, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N101	D-6	Westbury	Westbury WD	PS 308-356	8	M	1943-62	8	2	July 31, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962
N102	D-6	do.	do.	PS 288-328	10	M	1943-61	10	10	Oct. 6, 1952	5.0	Sept. 2, 1952	5.0	Sept. 2, 1952	5.0	1	1962	1	53.8	22	1962</

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Mu ¹ coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration			Water temperature			
							Period of record (years)	No. of samples	Chloride (ppm)	Date	Chloride (ppm)	Date	Temperature (°F)
N105	D-6	Old Westbury	vill. of Old Westbury	PS	412-452	M	1935-62	8	6.0	Oct. 16, 1937	4.2	Apr. 6, 1943	--
N107	D-6	do.	do.	PS	455-458	M	1935-62	5	5.4	Oct. 16, 1937	4.2	June 23, 1938	53.9
N109	D-6	Glenwood Landing	Jericho WD	U	132-142;	L	1935-47	15	5.4	Feb. 15, 1941	3.9	Nov. 17, 1938	--
N111	D-6	do.	Long Island Lighting Co.	Ind	464-524	L	1937-47	2	8	Oct. 27, 1942	3.5	Jan. 4, 1939	54.9
N113	E-6	Locust Valley	Paul G. Penoyer	D	328-407	L	1937-53	23	7	Sept. 1, 1946	3.5	June 20, 1939	--
N115	E-6	do.	Locust Valley WD	PS	340-407	J	1932-62	5	7.2	Aug. 3, 1950	5.0	Nov. 22, 1932	52.6
N116	E-6	do.	do.	PS	118-168	M	1938-39	2	8	Nov. 23, 1938	7	Feb. 21, 1962	--
N117	E-6	do.	do.	PS	143-155	M	1932	1	7	Jan. 4, 1939	--	--	--
N118	E-6	do.	do.	PS	142-471	L	1935-60	4	8	Aug. 22, 1937	5.6	July 19, 1962	--
N119	E-6	do.	do.	PS	497-571	L	1934-60	10	11	July 21, 1934	5	July 19, 1962	--
N121	E-6	Lathingtown	Creek Club	Irr	149-171;	M	1937-46	16	10	Sept. 17, 1946	7	Oct. 27, 1938	--
N123	E-6	do.	George F. Baker, Jr.	D	187-207	L	1937-52	23	10	Apr. 14, 1941	4	Feb. 17, 1950	--
N124	E-6	do.	Creek Club	Irr	304	L	1938-52	12	16	Nov. 14, 1941	8	Sept. 25, 1940	--
N125	E-6	Jones Beach State Park	Long Island State Park Comm.	Ind	390	M	1932-60	17	12	Sept. 9, 1939	7	June 7, 1938	53.4
N129	B-7	do.	Formerly NYCBNS	PS	889-939	M	1935-60	18	12	Sept. 9, 1939	4.7	Oct. 20, 1938	--
N130	B-7	do.	Formerly of Freeport	A	68	up	about 1910	10	about 3.5	Sept. 9, 1939	10	Nov. 10, 1953	62.3
N131	B-7	do.	vill. of Freeport	PS	169-330;	M	1935-55	23	6	Dec. 5, 1949	2	Oct. 22, 1947	--
N132	B-7	do.	vill. of Old Westbury	PS	473-523	M	1935-52	23	10	Apr. 14, 1941	4	Sept. 25, 1940	--
N133	B-7	do.	do.	PS	468-507	N	1940-62	33	7	July 18, 1950	2	Oct. 3, 1939	53.4
N134	B-7	do.	do.	PS	471-511	N	1942-62	34	8	Apr. 10, 1945	2	Sept. 3, 1939	53.4
N149	C-7	Hicksville	Hicksville WD	PS	133-153	M	1931-52	5	9	Dec. 31, 1942	2	Oct. 9, 1945	--
N150	D-7	do.	do.	PS	127-	M	1931-57	5	13	Sept. 8, 1928	5.8	Sept. 16, 1932	--
N152	D-7	do.	do.	PS	122-144	M	1935-54	6	15	Aug. 1, 1937	10	Sept. 21, 1933	--
N153	D-7	do.	do.	PS	125-152	M	1935-52	6	17	Feb. 4, 1946	7.6	Sept. 21, 1933	--
N154	D-7	do.	do.	PS	125-152	M	1935-52	8	6.2	Oct. 26, 1935	4.5	Feb. 19, 1935	--
N155	D-7	do.	do.	PS	148-178	M	1935-52	8	7	Sept. 5, 1946	4	Oct. 27, 1938	--
N156	D-7	do.	do.	PS	444-134	L	1946-62	1	20	Sept. 12, 1944	4	Sept. 26, 1939	--
N157	E-7	Mill Neck	Arthur B. Davis	D	397	L	1946-62	19	12	Nov. 10, 1944	2	Sept. 11, 1941	--
N173	E-7	Lattingtown	Myron C. Taylor	D	236	M	1934-44	21	7	Feb. 29, 1928	3.8	Mar. 1, 1932	--
N174	E-7	Centre Island	S. R. Outerbridge	D	356	M	1946-62	2	5	Sept. 1, 1932	3.8	Aug. 2, 1962	56.2
N176	E-7	do.	Thurston Smith	T	762	M	1940-62	5	7	Dec. 16, 1941	3.4	Aug. 2, 1962	56.2
N180	C-8	Seaford	NYCBNS&E	D	567-617	M	1932-61	8	4.6	July 11, 1937	2.4	July 23, 1952	52.0
N198	D-8	Syosset	Jericho WD	PS	548-600	M	1950-62	8	5.4	Feb. 21, 1952	3.6	July 23, 1952	52.0
N199	D-8	do.	Oyster Bay WD	PS	420	J	1932-53	25	10	Sept. 19, 1942	3.4	Sept. 23, 1952	52.3
N202	E-7	Oyster Bay	Formerly of Centre Island	D	155	J	1937-52	25	9	Aug. 29, 1946	2	June 20, 1952	52.3
N204	E-7	Hewlett	Formerly Queens County Water Co.	PS	155	J	1902	1	4.1	Sept. 17, 1942	7	June 20, 1952	55.0
N236	B-5	Lynbrook	Formerly Long Beach Association	PS	504	M	1903	1	3.0	Feb. 25, 1903	--	--	--
N319	B-6	Long Beach	do.	PS	303-306	M	about 1903	1	159	about 1903	--	--	--
N321	B-6	East Rockaway	PS	--	up	M	about 1906	1	29	about 1906	--	--	--
N420	C-6	Garden City	vill. of Garden City	PS	--	M	about 1906	1	19	about 1906	--	--	--
N421	E-6	Lattingtown	W. D. Guthrie	D	260-340	L	1946	2	22	Sept. 12, 1946	13	May 15, 1932	--
N423	E-6	do.	do.	D	260-365	M	about 1906	1	9	Aug. 13, 1946	13	May 15, 1932	--
N425	B-7	do.	do.	D	37	PS	about 1895	1	7.6	about 1895	--	--	--
N473	E-7	do.	T. Underhill	D	165	M	about 1906	2	7.6	about 1906	7.1	about 1906	59.0
N490	E-7	do.	O. L. Jones	D	220	up	about 1906	2	4.2	about 1906	--	about 1906	--
N491	E-7	do.	Nehannes Casino	A	99	up	about 1906	2	7.9	about 1906	--	about 1906	--
N492	E-7	do.	T. Underhill	D	107	up	about 1906	2	6.2	about 1906	--	about 1906	--
N493	E-7	do.	Mr. Lee	D	200	up	about 1906	2	3.9	about 1906	--	about 1906	--
N494	E-7	do.	Mr. Burgess	D	156	M	about 1906	2	4.8	about 1906	--	about 1906	--
N495	E-7	do.	William Trotter	D	90	up	about 1906	2	6.2	about 1906	--	about 1906	--
N496	E-7	do.	H. Ballards	D	239	M	about 1906	2	6.0	about 1906	--	about 1906	--
N497	E-7	do.	Stein Estuary	D	145-152	L	1946-50	5	10	Aug. 22, 1946	4.2	Feb. 29, 1952	--
N502	E-7	do.	G. W. Fletcher	D	310	M	1946	2	8	Mar. 10, 1946	8	Mar. 7, 1950	--
N506	E-7	do.	C. W. Kettner	A	300-318	L	1946	1	10	Sept. 2, 1946	--	Jan. 11, 1951	--
N507	E-7	Bayville	Dr. G. L. Jones	D	300-330	L	1948-51	2	3.8	Apr. 21, 1948	3.2	Jan. 11, 1951	--
N511	E-7	Mill Neck	Irving Cox	D	300-330	L	1948	2	3.8	Jan. 11, 1951	1	Jan. 11, 1951	--

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Chloride concentration			Lowest of record			Highest of record			Period of record (years)	No. of samples	Chloride (ppm)	Date	Wettest temperature			
						Geologic source	Period of record (years)	No. of samples	Chloride (ppm)	Date	Chloride (ppm)	Date	Chloride (ppm)	Date					Temperature (°F)	Date	Lowest of record	
N528	D-8	Plainview	Richard Colliers	D	138-144	up	about 1906	1	2.8	about 1906	1	2.8	about 1906	1	about 1906	1	59.0	about 1906	1	1906	--	
N529	D-8	Woodbury	Central Theater	D	107-123	J	about 1906	1	17	about 1906	14	5.2	about 1906	1	60.0	about 1906	1	1906	--	1906	--	
N529	B-5	Woodmere	Unknown	IRR	26-31	up	1950-60	6	6	July 11, 1957	10	9.6	July 11, 1957	10	1954	July 11, 1957	1	57.0	Aug. 18, 1936	1	1936	--
N529	B-5	Woodbury	Jericho	PS	560-600	up	1950-60	12	6	July 11, 1957	10	9.6	July 11, 1957	10	1954	July 11, 1957	1	57.0	July 23, 1962	1	1962	--
N570	D-8	Syosset	Vill. of Mineola	PS	357-403	up	1950-60	3	6	July 11, 1957	10	9.6	July 11, 1957	10	1954	July 11, 1957	1	54.6	May 22, 1962	1	1962	--
N578	C-6	Oyster Bay	Oyster Bay W.D.	PS	55-75	up	1940-54	10	7	July 11, 1957	10	9.6	July 11, 1957	10	1954	July 11, 1957	1	54.6	May 22, 1962	1	1962	--
N585	E-6	Plainview	Plainview Golf Club	IRR	306-346	up	1943-62	10	7	Sept. 27, 1940	7	7.4	Sept. 27, 1940	7	1948	Sept. 27, 1940	1	54.1	May 29, 1962	1	1962	--
N599	D-5	Garden City Park	Garden City Park W.D.	PS	300-340	up	1943-62	5	8.8	July 29, 1927	4	4.2	July 29, 1927	4	1943	July 29, 1927	1	54.1	May 29, 1962	1	1962	--
N650	D-6	do.	do.	PS	425(7)	up	1938-57	43	80	Jan. 8, 1962	5	5.6	Jan. 8, 1962	5	1948	Jan. 8, 1962	1	54.7	July 24, 1939	1	1939	1940
N651	D-6	Port Washington	Metropolitan Sand Co.	Ind	327(1)	up	1938-57	46	2,80	Feb. 1, 1956	16	1.9	Feb. 1, 1956	16	1938	Feb. 1, 1956	1	54.7	April 8, 1957	1	1957	52.0
N656	D-6	do.	Town of North Hempstead	O	do.	up	1938-57	16	2,80	Feb. 1, 1956	16	1.9	Feb. 1, 1956	16	1938	Feb. 1, 1956	1	54.0	Nov. 17, 1938	1	1938	52.1
N656	D-6	Glen Cove	Chamco Products, Inc.	Ind	1,04	up	1949-57	2	6.0	Oct. 21, 1957	2	4.0	Oct. 21, 1957	2	1945	Oct. 21, 1957	1	54.0	Sept. 14, 1956	1	1956	--
N660	E-6	do.	Town of North Hempstead	O	do.	up	1949-57	2	7.0	Oct. 21, 1957	2	3.0	Oct. 21, 1957	2	1945	Oct. 21, 1957	1	54.5	Sept. 14, 1956	1	1956	--
N661	E-6	Port Washington	Long Island State Park	D	347-363	up	1939-57	50	440	Oct. 21, 1957	6	6	Oct. 21, 1957	6	1945	Oct. 21, 1957	1	54.5	Sept. 14, 1956	1	1956	--
N666	B-7	Jones Beach	Conn.	M	93-104	up	1952-53	2	8	Nov. 4, 1953	5	5	Nov. 4, 1953	5	1952	Nov. 4, 1953	1	54.5	Sept. 14, 1956	1	1956	--
N667	B-7	do.	do.	D	79-90	up	1952-53	2	6	Nov. 4, 1953	5	4	Nov. 4, 1953	5	1952	Nov. 4, 1953	1	54.5	Sept. 14, 1956	1	1956	--
N675	D-5	Port Washington	Board of Sewer Comm.	G	269-286	up	1944-56	6	10	Aug. 10, 1949	8	4.6	Aug. 10, 1949	8	1949	Aug. 10, 1949	1	54.5	Sept. 14, 1956	1	1956	--
N687	D-5	Great Neck	Cit. WSC	PS	280-310	up	1949-57	4	16	July 27, 1950	21	5.2	July 27, 1950	21	1950	July 27, 1950	1	54.6	Sept. 22, 1962	1	1962	--
N687	C-5	Elmont	Cit. WSC	PS	68-93	up	1940-62	27	16	July 27, 1950	21	5.2	July 27, 1950	21	1950	July 27, 1950	1	54.6	Sept. 22, 1962	1	1962	--
N693	C-5	Mahopac	Mahopac-Lakeville W.D.	PS	2-150	M	1947	1	1	Sept. 17, 1947	1	1.9	Sept. 17, 1947	1	1947	Sept. 17, 1947	1	54.6	Sept. 22, 1962	1	1962	--
N703	D-5	Farmington	Vill. of Farmingdale	U	53-70	M	1952-57	3	8.2	Feb. 2, 1952	8	5.6	Feb. 2, 1952	8	1952	Feb. 2, 1952	1	54.6	Sept. 22, 1962	1	1962	--
N705	C-8	do.	do.	A	2-40	up	1952-57	2	12	Oct. 12, 1952	12	7.4	Oct. 12, 1952	12	1952	Oct. 12, 1952	1	54.6	Sept. 22, 1962	1	1962	--
N728	C-8	do.	do.	PS	1-40	up	1952-57	3	12	Sept. 12, 1952	12	7.4	Sept. 12, 1952	12	1952	Sept. 12, 1952	1	54.6	Sept. 22, 1962	1	1962	--
N729	C-8	do.	do.	PS	1-40	up	1953-54	3	12	July 26, 1954	12	7.4	July 26, 1954	12	1954	July 26, 1954	1	54.6	Sept. 22, 1962	1	1962	--
N734	E-7	Oyster Bay	Oyster Bay W.D.	PS	1-40	up	1954-61	3	16	June 20, 1960	12	6.4	June 20, 1960	12	1960	June 20, 1960	1	54.6	Sept. 22, 1962	1	1962	--
N735	E-7	do.	do.	PS	7-70	up	1960-61	2	12	July 26, 1960	12	7.6	July 26, 1960	12	1960	July 26, 1960	1	54.6	Sept. 22, 1962	1	1962	--
N736	E-7	Bethpage	Central Park W.D.	PS	67-111	M	1942-52	2	12	Oct. 12, 1942	12	9.6	Oct. 12, 1942	12	1942	Oct. 12, 1942	1	54.6	Sept. 22, 1962	1	1962	--
N746	C-8	do.	do.	PS	192-207	M	1942-52	1	10	Jan. 25, 1943	10	9.4	Jan. 25, 1943	10	1942	Jan. 25, 1943	1	54.6	Sept. 22, 1962	1	1962	--
N747	D-6	Westbury	Westbury W.D.	PS	7-368	M	1943-53	1	19	July 19, 1945	19	9.6	July 19, 1945	19	1945	July 19, 1945	1	54.6	Sept. 22, 1962	1	1962	--
N750	E-7	Port Washington	Port Washington W.D.	PS	71-82	up	1943-45	9	12	July 60, 1945	12	5.4	July 60, 1945	12	1945	July 60, 1945	1	54.6	Sept. 22, 1962	1	1962	--
N820	E-7	do.	do.	PS	7-100	up	1943-45	11	15	July 15, 1945	12	6.4	July 15, 1945	12	1945	July 15, 1945	1	54.6	Sept. 22, 1962	1	1962	--
N821	E-7	do.	do.	PS	7-70	up	1943-45	11	15	July 15, 1945	12	6.4	July 15, 1945	12	1945	July 15, 1945	1	54.6	Sept. 22, 1962	1	1962	--
N822	E-5	do.	do.	PS	1943-51	up	1943-51	12	220	Oct. 22, 1943	12	9.6	Oct. 22, 1943	12	1943	Oct. 22, 1943	1	54.6	Sept. 22, 1962	1	1962	--
N823	E-5	do.	do.	PS	1943-51	up	1943-51	17	220	Oct. 22, 1943	12	9.6	Oct. 22, 1943	12	1943	Oct. 22, 1943	1	54.6	Sept. 22, 1962	1	1962	--
N824	E-5	do.	do.	PS	1943-51	up	1943-51	17	220	Oct. 22, 1943	12	9.6	Oct. 22, 1943	12	1943	Oct. 22, 1943	1	54.6	Sept. 22, 1962	1	1962	--
N825	E-5	do.	do.	PS	1943-51	up	1943-51	21	220	Oct. 22, 1943	12	9.6	Oct. 22, 1943	12	1943	Oct. 22, 1943	1	54.6	Sept. 22, 1962	1	1962	--
N826	E-5	Westbury	Westbury W.D.	PS	1-22	up	1943-51	6	18	Nov. 6, 1953	6	5.4	Nov. 6, 1953	6	1953	Nov. 6, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N827	D-6	do.	do.	PS	17	up	1943-51	2	18	Nov. 6, 1953	6	5.4	Nov. 6, 1953	6	1953	Nov. 6, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N828	D-6	do.	do.	PS	28	up	1943-51	1	1	July 1, 1954	1	7.0	July 1, 1954	1	1954	July 1, 1954	1	54.6	Sept. 22, 1962	1	1962	--
N829	D-6	Morgan Island	do.	PS	20-22	up	1943-51	1	1	July 1, 1954	1	7.0	July 1, 1954	1	1954	July 1, 1954	1	54.6	Sept. 22, 1962	1	1962	--
N835	E-6	Sea Cliff	Sea Cliff Water Co.	O	0	up	1943-51	1	1	July 1, 1954	1	7.0	July 1, 1954	1	1954	July 1, 1954	1	54.6	Sept. 22, 1962	1	1962	--
N906	C-5	Valley Stream	Valley Stream NCDW	O	0	up	1943-51	1	1	July 1, 1954	1	7.0	July 1, 1954	1	1954	July 1, 1954	1	54.6	Sept. 22, 1962	1	1962	--
N1111	C-5	do.	do.	PS	27	up	1943-51	1	1	July 1, 1954	1	7.0	July 1, 1954	1	1954	July 1, 1954	1	54.6	Sept. 22, 1962	1	1962	--
N1113	B-5	Woodburgh	do.	PS	135	M	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1116	B-5	Merrick	do.	PS	14	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1116	B-5	do.	do.	PS	60	M	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1210	B-7	do.	do.	PS	14	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1211	B-7	do.	do.	PS	53	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1212	B-7	do.	do.	PS	14	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1213	C-7	Wantagh	do.	PS	0	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1216	B-7	do.	do.	PS	14	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1217	B-7	do.	do.	PS	14	up	1952	1	6	Mar. 5, 1953	6	5.4	Mar. 5, 1953	6	1953	Mar. 5, 1953	1	54.6	Sept. 22, 1962	1	1962	--
N1218	B-7	do.	do.	PS	14	up	1952	1	6</td													

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.—Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature				
							Period of record (years)	No. of samples	Highest of record		Lowest of record		Period of record (years)	No. of samples	
									Chloride (ppm)	Date	Chloride (ppm)	Date			
N1274	C-7	Wantagh	NDPW	0	45	up	1942-62	49	12	1953	2	Dec. 7, 1945	1942-62	59	Oct. 12, 1955
N1275	B-7	do.	do.	0	13	up	1939-62	80	33	Feb. 20, 1951	2	Apr. 1, 1950	1939-62	59	Oct. 12, 1955
N1276	B-7	do.	do.	0	14	up	1939-62	1,450	12	Nov. 1, 1950	300	May 7, 1952	1942-62	60	Oct. 12, 1955
N1277	B-7	do.	do.	0	71	up	1942-62	50	12	Dec. 15, 1953	2	Mar. 21, 1946	1942-62	59	June 15, 1949
N1278	B-8	Massapequa	do.	0	14	up	1939-62	80	15	Jan. 27, 1943	2	Dec. 7, 1945	1939-62	90	Sept. 11, 1948
N1279	B-8	do.	do.	0	45	up	1939-62	80	15	Jan. 27, 1943	2	Dec. 7, 1945	1939-62	90	Sept. 11, 1948
N1280	C-8	do.	do.	0	14	up	1940-54	70	18	June 8, 1954	2	Dec. 7, 1945	1940-57	80	Oct. 12, 1955
N1281	C-8	do.	do.	0	46	up	1939-62	75	17	Dec. 6, 1944	2	Dec. 7, 1945	1939-62	85	Oct. 12, 1955
N1282	B-7	Wantagh	do.	0	20	up	1939-54	8,180	5	Sept. 5, 1952	4,180	Dec. 19, 1946	1939-54	77	Sept. 21, 1949
N1283	B-7	do.	do.	0	32	up	1939-54	9,210	13	Apr. 1, 1953	4,970	May 20, 1947	1939-54	78	Sept. 26, 1943
N1284	B-7	do.	do.	0	76	up	1942-54	47	13	Jan. 21, 1943	37	Dec. 7, 1945	1942-54	53	Sept. 26, 1947
N1285	B-7	do.	do.	0	19	up	1939-57	76	19	Jan. 3, 1940	4	Mar. 21, 1946	1939-57	82	Oct. 12, 1955
N1286	B-7	do.	do.	0	39	up	1939-57	80	19	Dec. 6, 1944	3	Dec. 19, 1946	1939-57	83	Oct. 12, 1955
N1287	B-7	do.	do.	0	15	up	1942-57	48	10	Mar. 18, 1948	2	Dec. 7, 1945	1942-57	85	Oct. 10, 1955
N1288	B-7	do.	do.	0	19	up	1939-57	76	32	July 7, 1944	4	Dec. 7, 1945	1939-57	81	Oct. 7, 1953
N1289	B-7	do.	do.	0	33	up	1939-57	68	9	Dec. 17, 1947	2	Mar. 21, 1946	1939-57	53	Sept. 10, 1948
N1290	B-7	Port Washington	do.	0	52	up	1942-57	46	8.5	Dec. 15, 1947	2	Mar. 21, 1946	1942-57	50	Sept. 5, 1952
N1291	D-5	Port Washington	Beacon Theater	C	376-401	L	1948-57	3	30	July 13, 1948	6.0	Aug. 12, 1947	1948-57	50	Sept. 5, 1952
N1292	B-7	Great Neck	do.	0	206-336	L	1932-52	3	9	June 6, 1946	4.9	June 6, 1952	1932-52	1	Nov. 22, 1932
N1293	B-7	Merrick	Cit. & WSC	A	--	--	1945	--	96	July 10, 1945	--	--	1945	--	--
N1294	D-5	Manhasset	NYCNG&E	P5	652-743	L	1948-61	8	5.2	July 10, 1948	3.4	Aug. 1, 1948	1948-62	3	May 29, 1948
N1295	B-5	Lake Success	Glen Oaks Golf Club	G	178-193	M	1941-55	13	5.2	Sept. 11, 1941	2	Aug. 1, 1947	1941-47	2	Sept. 22, 1941
N1296	B-5	Woodmere	Mill Road Pumping Station	P5	175-196	M	1922-57	38	7	Sept. 11, 1953	2	Aug. 20, 1947	1922-57	2	Sept. 22, 1941
N1297	B-5	Woodmere	Long Island Water Corp.	P5	790-865	L	1958-59	3	8	Aug. 4, 1958	5	May 26, 1958	1958-59	5	Nov. 22, 1932
N1298	B-5	Garden City	Y.I. of Garden City	P5	1940-50	L	1940-50	2	28	Nov. 16, 1950	2	June 1940	1940-50	2	Nov. 22, 1932
N1299	B-5	Cedarhurst	NDPW	0	29	up	1953	1	18	Nov. 6, 1953	--	--	1953	--	--
N1300	B-5	Lawrence	do.	0	29	up	1946-56	4	25	Nov. 25, 1946	4	Dec. 20, 1946	1946-56	2	Nov. 6, 1953
N1301	B-5	Port Washington	do.	0	--	P	1946-56	5	5	Jan. 5, 1946	5	Jan. 29, 1946	1946-56	2	Nov. 6, 1953
N1302	E-5	do.	do.	0	--	P	1946-56	5	5	Jan. 5, 1946	5	Jan. 29, 1946	1946-56	2	Nov. 6, 1953
N1303	E-5	Lakeview	Long Island Water Corp.	P5	446-486	M	1940-56	6	145	June 10, 1946	6	Aug. 12, 1947	1955-56	2	July 10, 1959
N1304	C-6	do.	do.	0	--	P	1942-52	8	6.0	Jan. 18, 1942	3.8	Aug. 21, 1943	1942-52	2	July 18, 1952
N1305	D-5	Lake Success	Mathiasen-Lakeville WD	P5	484-529	M	1942-57	4	5	Oct. 27, 1942	3.6	Jan. 17, 1949	1942-57	2	July 18, 1952
N1306	C-5	Valley Stream	do.	0	37	up	1953	1	36	Nov. 9, 1953	--	--	1953	--	--
N1307	B-5	do.	do.	0	24	up	1953	1	36	June 30, 1953	--	--	1953	--	--
N1308	B-5	Woodmere	Locust Valley WD	P5	1951-53	L	1951-53	7	32	July 16, 1951	2	July 30, 1951	1953-55	2	July 10, 1955
N1309	C-6	Locust Valley	do.	0	19	up	1954-61	6	8.2	Aug. 12, 1951	6.0	July 11, 1951	1953-55	2	July 10, 1955
N1310	E-5	Hempstead	Hempstead Tea Shop	P5	385-465	L	1943-51	1	6	Aug. 13, 1943	--	--	1950	--	--
N1311	C-6	Bethpage	Grimman Aircraft Engineering Corp.	Ind	20-23	up	1941-52	4	18	Aug. 25, 1941	15	Jan. 9, 1942	1941-52	2	July 13, 1943
N1312	C-8	do.	do.	0	61-87	M	1941-52	4	18	Aug. 25, 1941	15	Jan. 9, 1942	1941-52	2	July 13, 1943
N1313	C-8	do.	do.	0	68-101	M	1944-52	6	17	Oct. 14, 1946	11	Mar. 10, 1943	1944-52	2	July 13, 1943
N1314	C-8	Westbury	WD	Ind	74-99	M	1944-52	3	17	Oct. 14, 1946	15	Oct. 31, 1944	1944-52	2	July 13, 1943
N1315	D-6	Mitchell Field	Y.I. of Garden City	PS	438-468	M	1943-61	9	16	July 20, 1941	3.8	Oct. 28, 1947	1943-60	6	June 10, 1943
N1316	C-6	Garden City	Port Washington	PS	478-518	M	1942-50	7	6.9	Oct. 1, 1943	5.8	Feb. 2, 1960	1942-50	6	Oct. 1, 1943
N1317	D-5	do.	do.	0	130-180	L	1941-51	13	7.0	Oct. 23, 1941	3.7	June 19, 1941	1941-51	6	Oct. 1, 1943
N1318	D-5	Port Washington	Strathmore Realty Co.	PS	455-475	L	1941-61	30	10	Nov. 13, 1941	3.0	June 24, 1948	1941-62	2	Oct. 1, 1943
N1319	D-5	Manhasset	Grimman Aircraft Engineering Corp.	Ind	74-94	M	1941-61	34	11	Sept. 1, 1941	4.0	Mar. 28, 1945	1941-62	3	Sept. 1, 1941
N1320	D-5	Bethpage	do.	0	130-160	M	1941-61	8	17	Oct. 20, 1941	--	--	1941-62	--	--
N1321	D-5	do.	do.	0	130-160	M	1941-61	3	17	Jan. 23, 1942	11	Aug. 25, 1944	1941-63	2	July 13, 1943
N1322	D-8	Lake Success	Sperry Gyroscope Co.	Ind	80-105	M	1944-62	3	26	Oct. 14, 1946	10	July 25, 1944	1944-62	2	July 13, 1943
N1323	B-5	do.	do.	0	641-691	L	1942-62	1	9	Aug. 19, 1940	4.0	Aug. 17, 1942	1942-62	1	May 29, 1942
N1324	C	do.	do.	0	128-164	M	1944-62	7	19	Jan. 23, 1942	3.8	July 25, 1944	1944-62	2	May 29, 1942
N1325	D-6	Roslyn	Grimman Aircraft Engineering Corp.	PS	547-555	L	1937-51	24	10	Mar. 26, 1945	4.8	July 1, 1948	1938-51	14	May 26, 1945
N1326	D-5	Great Neck	Grimman Aircraft Engineering Corp.	PS	464-643	M	1947	1	13	Jan. 15, 1947	--	July 25, 1944	1947	9.6	May 26, 1945
N1327	D-8	Bethpage	Grimman Aircraft Engineering Corp.	Ind	133-163	M	1944-62	2	13	Jan. 23, 1942	--	--	1944-62	--	--

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.—Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature							
							Period of record (years)	No. of samples	Chloride (ppm)	Highest of record		Lowest of record		Period of record (years)				
										Date	Chloride (ppm)	Date	Chloride (ppm)					
N1912	D-8	Bethpage	Grumman Aircraft Engineering Corp.	C	119-149	M	1944-62	4	11	Jan. 23, 1942	5.6	Oct. 14, 1946	1943	2	51.5	July 13, 1943	51.1	May 10, 1943
N1913	D-8	Glen Cove	Wah Chang Trading Corp.	--	315-366	M	1944-46	2	6.6	Oct. 14, 1946	6.2	July 25, 1944	--	--	--	--	--	--
N1922	D-8	Bethpage	Grumman Aircraft Engineering Corp.	Ind	119-151	M	1942	5	6	Oct. 28, 1942	4.0	Oct. 10, 1945	--	--	--	--	--	--
N1923	C-8	do.	do.	G	293-349	M	1943-62	3	4.4	Jan. 9, 1962	3.2	Oct. 20, 1943	--	--	--	--	--	--
N1926	D-4	Kings Point	U.S. Merchant Marine Academy	G	226-278	L	1948-57	3	13	Oct. 18, 1957	5.8	Aug. 7, 1953	1957	1	55.0	Oct. 18, 1957	--	--
N1927	B-6	Long Beach	City of Long Beach	PS	1159-1219	L	1933-60	43	8.4	Sept. 2, 1943	2	Dec. 6, 1945	1944-59	29	69.4	June 1, 1951	67.0	Dec. 13, 1949
N1928	C-8	Farmingdale	Vill. of Farmingdale	PS	116-155	M	1952-62	8	11	Aug. 2, 1954	6.4	July 23, 1957	1962	2	52.1	July 18, 1962	51.4	Feb. 21, 1962
N1929	C-5	New Hyde Park	Jam. WSC	PS	667-727	L	1945-62	3	7	Oct. 10, 1945	3.3	Oct. 23, 1951	1962	1	59.8	July 22, 1962	--	--
N1930	C-7	Bethpage	Grumman Aircraft Engineering Corp.	D, C	130-160	M	1944-62	3	12	Jan. 9, 1962	6.6	Aug. 25, 1944	--	--	--	--	--	--
N1961	D-8	do.	do.	Ind	213-263	M	1962	1	8.2	Jan. 23, 1962	--	--	--	--	--	--	--	--
N1963	C-8	Farmingdale	Liberty Aircraft Products Corp.	Ind	97-127	M	1962	2	6.8	Jan. 2, 1960	6.0	Feb. 5, 1962	--	--	--	--	--	--
N1965	C-8	do.	do.	Ind	143-169	M	1960-62	2	6.8	June 2, 1960	6.0	Feb. 5, 1962	--	--	--	--	--	--
N2002	D-6	Glenwood Landing	Long Island Lighting Co.	Ind	436-467	L	1946-57	7	10	Sept. 4, 1946	4.8	Apr. 16, 1948	1950-57	2	56.7	May 16, 1950	59.0	--
N2028	D-5	North Hills	Manhattan-Lakeville Wd	PS	425-485	M	1947-61	26	16	Sept. 1, 1959	4.4	Apr. 11, 1948	1946-62	1	51.9	May 29, 1956	56.7	Apr. 30, 1957
N2045	B-7	Port Washington	Port Washington Wd	D	112-122	M	1961-62	2	7.5	Aug. 7, 1962	6	Mar. 1, 1958	1947-62	3	56.7	Sept. 14, 1956	52.2	Apr. 30, 1957
N2052	D-6	Bethpage	Port Washington Wd	PS	275-325	M	1947-61	26	11	Jan. 10, 1958	4.2	July 28, 1947	--	--	--	--	--	--
N2066	D-8	Glen Cove	Central Park Wd	PS	121-153	M	1946	1	9.4	Dec. 16, 1946	--	--	--	--	--	--	--	--
N2072	D-7	Hicksville	Appleyard Estate	--	262	L	1948-57	4	7.0	Apr. 31, 1946	3.4	Apr. 16, 1948	1950-57	3	55.8	Apr. 16, 1956	55.6	May 16, 1950
N2115	E-6	Elmont	Hicksville Wd	PS	138-159	M	1946-61	9	15	Dec. 16, 1946	5.2	Feb. 16, 1946	1962	1	52.8	July 20, 1962	58.2	May 22, 1962
N2116	E-6	Desoris Island	Junius Morgan	G	63-83	UP	1952-59	3	17	July 17, 1946	16	July 8, 1952	1962	1	58.2	May 22, 1962	--	--
N2117	E-6	Glen Cove	A. M. Low	D	220	L	1946	2	10	July 10, 1946	--	--	--	--	--	--	--	--
N2120	E-6	do.	do.	D	226	L	1946	1	10	Aug. 8, 1946	--	--	--	--	--	--	--	--
N2214	D-4	Great Neck	Cit. WSC	PS	438	L	1922	3	3.4	Sept. 23, 1922	5.2	June 26, 1922	1954-52	2	55.2	July 27, 1954	54.1	May 28, 1962
N2236	D-7	Westbury	Westbury Wd	PS	236-385	L	1952-57	3	7.4	Oct. 8, 1952	5.2	June 26, 1952	1962	1	54.1	July 27, 1952	54.1	May 28, 1962
N2239	C-6	Westhead Gardens	West Hamstead-Hamstead Wd	PS	320-365	M	1952-61	9	8.8	Oct. 20, 1952	3.6	Nov. 9, 1961	1962	1	51.4	July 31, 1962	51.4	July 17, 1962
N2400	D-6	Roslyn	Roslyn Wd	PS	138-175	M	1947-62	29	10	June 29, 1947	--	--	--	--	--	--	--	--
N2402	C-7	Hicksville	Levitt and Sons, Inc.	PS	164-207	M	1952-61	2	6.6	Jan. 17, 1962	6.0	Feb. 1, 1960	1962	1	53.8	May 31, 1962	--	--
N2423	C-7	do.	do.	PS	179-204	M	1948-61	1	12	Mar. 12, 1957	6.0	Jan. 21, 1952	1952	1	53.8	May 31, 1952	--	--
N243	C-5	Elmont	Jam. WSC	PS	478-508	M	1952-53	2	4.2	Oct. 25, 1951	5.2	Aug. 21, 1959	1952	1	57.8	May 22, 1962	56.6	May 22, 1962
N2424	C-5	do.	do.	PS	69-89	M	1952-55	4	15	Sept. 16, 1953	3.8	Sept. 1, 1953	1962	1	54.6	May 22, 1962	54.6	May 22, 1962
N2487	D-6	Glenwood Landing	Long Island Lighting Co.	Ind	425-459	L	1946-50	2	9	July 7, 1949	4.0	May 10, 1952	1962	1	54.6	May 16, 1950	54.6	May 16, 1950
N2565	C-6	Williston Park	Vill. of Williston Park	PS	288-338	M	1951-62	6	12	Sept. 1, 1952	10	July 19, 1954	1954-52	1	54.7	May 28, 1952	54.7	May 28, 1952
N2578	C-5	Valley Stream	Garden City Park Wd	PS	312-345	M	1952-62	6	12	Feb. 29, 1956	11	July 17, 1952	1962	1	53.4	May 29, 1952	53.4	May 29, 1952
N2581	C-7	Lefferts	Long Island Water Corp.	D	55-81	UP	1949-59	9	23	Aug. 29, 1950	5.2	Nov. 15, 1952	1962	1	55.4	July 18, 1952	55.4	July 18, 1952
N2582	B-5	Long Beach	Bethpage Realty Corp.	D	52-79	UP	1949-62	25	11	Aug. 18, 1949	7	Sept. 7, 1953	1962	1	52.4	July 17, 1952	52.4	July 17, 1952
N2597	B-5	Westbury	City of Long Beach	PS	1175-1235	L	1949-62	11	9.5	Nov. 20, 1959	3.8	Feb. 28, 1952	1949-62	1	69.9	Sept. 11, 1952	68.8	Sept. 21, 1957
N2602	D-7	Massapequa	Westbury Wd	PS	760-800	L	1952-62	11	17	July 17, 1952	7.4	May 5, 1953	1957-62	3	59.8	May 28, 1952	59.0	May 28, 1952
N2603	C-8	Centre Island	A. Simpson	D	35-71	UP	1952-56	4	9	April 12, 1952	--	--	--	--	--	--	--	--
N2632	E-7	Carle Place	Carle Place Wd	PS	278-328	M	1954-62	8	15	Feb. 27, 1951	3.4	Jan. 13, 1959	1962	1	53.5	May 22, 1962	53.5	May 22, 1962
N2747	C-6	do.	do.	PS	276-326	M	1954-62	8	17	June 24, 1954	3	June 16, 1960	1951-62	20	59.2	Aug. 1, 1962	54.0	June 10, 1954
N2791	C-7	Lefferts	Lefferts and Sons, Inc.	O	59-90	M	1949	1	19	Aug. 17, 1949	--	--	--	--	--	--	--	--
N2921	B-6	Island Park	Mr. J. Iversen	D	115-121	J	1953	1	10	Jan. 12, 1953	--	--	--	--	--	--	--	--
N2923	C-7	Salisbury	NCPW	Ind	80-112	M	1961	1	5	Aug. 16, 1960	--	--	--	--	--	--	--	--
N2978	B-6	Oceanside	Gulf Oil Corp.	Ind	128-138	M	1952-57	4	3	July 11, 1952	55	July 11, 1962	1962	1	54.1	Mar. 28, 1961	54.1	Mar. 28, 1961
N3142	D-3	Bethpage	Bethpage Wd	U	122-163	M	1952-57	4	4	July 25, 1952	55	July 25, 1957	1962	1	52.0	Oct. 9, 1952	52.0	Oct. 9, 1952
N3147	D-3	do.	do.	PS	192-233	M	1952-57	4	9.0	July 25, 1957	55	July 25, 1957	1962	1	52.0	Oct. 7, 1953	52.0	Oct. 7, 1953
N3185	C-6	Mineola	Vill. of Mineola	PS	423-463	M	1949-62	10	21	Jan. 3, 1962	8	Jan. 15, 1962	1952	1	53.0	May 15, 1962	53.0	May 15, 1962

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Chloride concentration				Water temperature			
						Period of record (years)	No. of samples	Highest of record Chloride (ppm)	Date	Chloride (ppm)	Date	No. of samples	Highest of record Temperature (°F)
N3193	C-7	Levittown	Levitt and Sons, Inc.	PS, G	259-301	1949-58	6	12	Nov. 4, 1957	5.0	July 28, 1949	--	--
N3194	C-7	do.	do.	PS, G	248-255	1949-61	12	8	Jan. 21, 1952	3.0	July 7, 1953	--	--
N3243	C-7	Salisbury	County of Nassau	Ind	116-128	1950-52	2	4.4	Feb. 18, 1952	4.2	Oct. 18, 1960	--	--
N3245	B-5	Lawrence	W.H. Clurman	U	193-205	1951-62	5	36	Sept. 18, 1951	20	Apr. 11, 1951	--	--
N3311	D-6	Port Washington	Colonial Sand and Stone Co., Inc.	Ind	193-205	1956-57	3	45	Oct. 1, 1957	8	Apr. 6, 1956	1956	--
N3312	C-7	Levittown	County Community Corp.	PS	223-304	1952-62	9	8	Feb. 21, 1952	4	Jan. 21, 1952	--	--
N3313	C-7	do.	New York Telephone Co.	G	64-95	1952-62	9	18	Jan. 15, 1952	13	Mar. 31, 1953	--	--
N3314	B-6	Lynbrook	Long Island Water Corp.	PS	387-438	1952-61	1	2	Sept. 30, 1952	3	Jan. 18, 1952	--	--
N3327	C-5	Valley Stream	USGS	T	1070-1090	1951-61	10	7	Aug. 5, 1958	5	Aug. 5, 1958	--	--
N3355	D-8	Plainview	NYSWD	PS	126-161	1951-62	1	4.5	June 25, 1951	21	June 25, 1951	1951-62	--
N3327	C-8	Wantagh	Cit. of N.Y.C.	PS	423-463	1952-62	5	5.6	June 26, 1952	1	June 20, 1951	1951-62	--
N3443	D-5	Great Neck	City of Long Beach	PS	193-123	1950-62	16	10	May 17, 1950	6.2	June 1, 1951	1950-62	1952
N3446	B-5	Long Beach	East Meadow MD	PS	260-320	1952-61	9	17	Mar. 1, 1951	6.2	April 26, 1952	1952	--
N3456	C-7	East Meadow	do.	PS	260-320	1952-61	7	5.4	Nov. 6, 1957	4.0	Mar. 23, 1953	--	--
N3457	C-7	do.	Penn. Stevedoring Corp.	PS	36-50	1952-57	4	8.0	Feb. 7, 1957	213	Nov. 29, 1954	1956	--
N3458	E-5	Port Washington	NYSWD	PS	287-303	1952-62	8	16	Feb. 28, 1952	3.8	April 10, 1952	1952	--
N3463	C-7	Wantagh	East Meadow MD	PS	275-315	1952-61	7	8.4	Apr. 1, 1958	3.6	April 26, 1952	1952	--
N3465	C-7	East Meadow	Jericho MD	PS	152-212	1952-61	7	5.8	July 15, 1957	4.0	Mar. 16, 1954	1960-62	1950
N3474	D-7	Wheatley	do.	PS	432-482	1952-61	7	8	Feb. 21, 1952	4.6	Mar. 18, 1954	1960-62	1950
N3475	E-7	Oyster Bay	Oyster Bay MD	PS	72-105	1952-61	3	6.4	June 20, 1960	5.4	May 30, 1961	1952	1952
N3488	C-7	Hicksville	Hicksville MD	PS	115-163	1950-62	10	26	Aug. 31, 1960	16	July 3, 1960	1952	--
N3498	B-8	Tobay	Town of Oyster Bay	PS	318-338	1950-62	1	11	July 10, 1956	--	--	1956	--
N3520	C-6	Lakeview	Long Island Water Corp.	PS	125-170	1951-62	1	7	July 1, 1956	--	--	1956	--
N3523	D-5	Munsey Park	Manhasset-Lakeville MD	PS	290-320	1951-62	1	8	Aug. 10, 1956	--	--	1956	--
N3529	B-6	Long Beach	Lido Theater	C	93-119	1950-62	4	3.9	Apr. 7, 1960	5.6	Aug. 16, 1951	1951	--
N3540	D-5	Plandome	Vill. of Plandome	PS	152-207	1952-62	7	7	July 1, 1956	3.9	Aug. 22, 1961	1961	--
N3552	C-7	Hicksville	Hicksville MD	PS	116-162	1952-62	10	15	Apr. 31, 1960	12	Dec. 1, 1952	1955-62	1956
N3553	C-7	do.	do.	PS	92-152	1950-62	7	16	Feb. 18, 1956	10	Jan. 8, 1956	1952	1952
N3561	E-7	Oyster Bay	Oyster Bay MD	PS	88-118	1954-61	3	6.4	June 26, 1960	5.6	July 3, 1964	1952	--
N3564	C-8	Wantagh	Franklin Square MD	PS	28-69	1953-59	8	20	June 26, 1957	13	June 21, 1954	1952	--
N3603	C-5	Franklin Square	do.	PS	44-34-93	1952-57	5	6.6	Dec. 17, 1957	3.6	March 24, 1953	1962	--
N3604	C-5	do.	do.	PS	438-494	1952-57	5	7.0	Dec. 17, 1957	4.4	March 24, 1953	1962	--
N3615	C-5	Levittown	Levitt and Sons, Inc.	PS	400-440	1952-57	3	6.4	July 28, 1952	3.4	May 6, 1953	1952	--
N3658	C-6	Hempstead	Vill. of Hempstead	PS	379-420	1952-57	3	4.0	April 10, 1958	3.6	Nov. 3, 1958	1952	--
N3659	C-6	do.	U.S. government	PS	449-499	1952-57	3	4.0	April 10, 1958	3.8	Mar. 31, 1955	1952	--
N3673	D-5	Garden City Park	Garden City Park MD	PS	407-448	1952-52	9	11	Jan. 8, 1962	4.2	May 22, 1956	1962	--
N3680	D-5	do.	do.	PS	388-425	1952-51	3	10	Jan. 10, 1961	5.4	July 17, 1956	1962	--
N3685	C-6	Hempstead	Franklin Square MD	PS	40-56	1952-57	4	4.0	July 1, 1959	3.6	Oct. 27, 1953	1952	--
N3687	B-6	Long Beach	New York Telephone Co.	Ind	1195-1245	1951-62	1	20	Aug. 1, 1956	15	July 17, 1957	1951-62	--
N3692	C-6	Mitchell Field	City of Long Beach	PS	407-500	1952-60	6	16.0	July 1, 1957	5.0	Oct. 28, 1952	1953-60	1958
N3696	C-6	do.	do.	PS	43-443	1952-60	6	11	Oct. 2, 1957	5.0	Oct. 28, 1952	1953-60	1958
N3697	C-6	do.	do.	PS	402-432	1952-60	5	7.2	Oct. 1, 1953	4.5	Feb. 28, 1952	1953-60	1960
N3698	C-6	do.	do.	PS	442-472	1952-60	7	7.2	Oct. 1, 1953	5.0	Oct. 28, 1952	1953-60	1960
N3704	C-6	Hempstead Gardens	West Hempstead-Hempstead Gardens MD	PS	107-160	1952-61	8	14	Oct. 21, 1959	8.4	Jan. 9, 1952	1952	--
N3707	B-5	Hewlett	NCDPW	0	13	1951-53	7	24	May 2, 1951	12	Mar. 2, 1951	1951	--
N3708	B-5	Valley Stream	Levitt and Sons, Inc.	PS	1951-53	7	4,500	22	July 1, 1953	12	Mar. 2, 1951	1951	--
N3709	B-5	do.	do.	PS	1951-55	8	4,200	22	July 1, 1953	12	Mar. 2, 1951	1951	--
N3710	B-5	Woodmere	do.	PS	1951-53	6	102	1953	14	Mar. 1, 1951	1951	--	
N3711	B-5	Valley Stream	Port Washington Sewer District	U	36-46	1952-53	2	3,100	Mar. 9, 1953	2,900	Aug. 8, 1952	1952	--
N3712	E-5	Port Washington	do.	PS	1952-53	7	14	1953	14	July 1, 1955	1955	--	
N3720	C-5	Franklin Square	Jam. MSC	0	1953-54	3	4,2	Apr. 20, 1953	3.8	Feb. 3, 1953	1953	--	
N3732	D-6	Albertson	Albertson MD	PS	310-350	1953-52	6	6,2	Jan. 30, 1953	3.8	Feb. 3, 1953	1953	--
N3733	D-6	do.	do.	PS	104-150	1953-52	7	7.0	Feb. 14, 1953	4.8	Feb. 8, 1953	1953	--
N3734	B-5	Inwood	Penninsula Laundry	PS	106-126	1953-52	2	56	Sept. 30, 1951	5.2	Sept. 28, 1951	1951	--
N3745	C-6	Rockville Centre	Vill. of Rockville Centre	PS	412-592	1952-52	14	12	Sept. 8, 1952	3.8	Nov. 10, 1953	1952	--
N3750	C-8	Levittown	NYSWD	PS	89-142	1952-52	--	--	--	--	July 17, 1952	1952	--
N3751	C-5	Franklin Square	Levittown	PS	476-516	1953-54	7	24	May 2, 1951	12	Mar. 2, 1951	1951	--
N3752	B-5	Albertson	Albertson MD	PS	310-350	1953-52	6	14	Mar. 2, 1951	12	Mar. 2, 1951	1951	--
N3753	D-6	do.	do.	PS	104-150	1953-52	7	7.0	Feb. 14, 1953	4.8	Feb. 8, 1953	1953	--
N3754	B-5	Rockville Centre	Vill. of Rockville Centre	PS	106-126	1953-52	2	56	Sept. 30, 1951	5.2	Sept. 28, 1951	1951	--
N3755	C-8	Levittown	NYSWD	PS	89-142	1952-52	--	--	--	--	July 17, 1952	1952	--

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration			Water temperature								
							Period of record (years)	No. of samples	Chloride (ppm)	Highest of record Date	Lowest of record Date	Chloride (ppm)	Period of record (years)	No. of samples	Temperature (°F)	Highest of record Date	Lowest of record Date	
N3781	C-5	Valley Stream	Long Island Water Corp.	PS	350-112	M	1953-62	7	5.6	Oct. 3, 1955	4.0	Apr. 27, 1953	1962	1	55.3	July 18, 1962	--	
N3782	C-5	do.	Sun Oil Co.	Ind	74-81	M	1954-61	5	5.4	Aug. 29, 1960	4.0	Sept. 13, 1954	1962	1	55.8	July 18, 1962	--	
N3831	B-6	Oceanside	Long Island Water Corp.	PS	63-89-8	M	1952-53	3	5.8	Mar. 30, 1961	--	1962	1	56.0	Oct. 10, 1952	56.5		
N3832	C-6	Roosevelt	Long Island Water Corp.	PS	522-533	M	1952-62	70	16.700	May 18, 1953	15.200	Nov. 28, 1952	1952-59	5	56.8	Aug. 12, 1953	56.8	
N3833	B-5	Cedarcroft	Lawrence Woodmere	USGS	256-507	M	1952-57	79	2,300	Aug. 12, 1953	1,800	Nov. 28, 1952	1952-56	5	57.0	Oct. 31, 1952	56.5	
N3834	B-5	Lawrence	Woodmere	do.	465-474	M	1952-59	79	2,300	Feb. 18, 1953	2	Oct. 20, 1952	1952	1	57.0	Oct. 24, 1952	--	
N3865	B-6	Oceanside	Hewlett	do.	555-565	M	1952-60	63	8	Oct. 11, 1955	3.0	Nov. 20, 1952	1952-54	3	58.5	Nov. 18, 1952	--	
N3866	B-5	Valley Stream	Bethpage	do.	400-412	M	1952-59	46	7	Oct. 15, 1955	3.0	Dec. 30, 1952	1952-55	--	57.6	July 20, 1954	53.0	
N3867	B-5	Bethpage	do.	506-518	M	1952-60	52	8	June 15, 1953	1.9	Dec. 23, 1952	1952	--	52.2	July 18, 1953	--		
N3870	C-8	Hicksville	Hicksville Wd	PS	328-486	M	1952-61	10	7.0	Oct. 1, 1952	1.6	May 23, 1952	1952	--	52.2	July 18, 1952	--	
N3876	D-7	Garden City	Vill. of Garden City	PS	375-426	M	1952-61	7	7.0	Apr. 1, 1952	1.6	May 23, 1952	1952	--	52.2	July 18, 1952	--	
N3881	C-5	Garden City	NWSD	PS	426-466	M	1953-61	6.6	Nov. 20, 1957	3.6	May 23, 1953	1952	--	55.4	May 22, 1962	--		
N3886	C-6	Nesapequa	Glen Cove	PS	42-75	up, M	1952-62	2	10	July 26, 1954	9.6	May 7, 1954	1962	--	53.3	May 22, 1962	--	
N3892	E-6	do.	do.	PS	139-173;	M	1952-62	9	19	Feb. 21, 1962	1.7	July 7, 1954	1962	--	52.9	May 31, 1962	--	
N3893	C-8	Levittown	North Merrick	PS	130-147;	M	1953-62	4	5.0	Feb. 21, 1962	--	Nov. 4, 1953	1962	--	54.7	July 17, 1962	--	
N3894	C-7	do.	do.	PS	312-367;	M	1953-62	4	6.0	Nov. 15, 1955	4.2	June 19, 1959	1962	--	53.7	July 17, 1962	--	
N3895	C-7	North Bellmore	do.	PS	377-414	M	1953-59	4	7.8	Feb. 19, 1957	2	Mar. 7, 1955	1962	--	52.2	July 17, 1962	--	
N3905	D-5	Lake Success	Manhasset-Lakeville Wd	PS	165-169	M	1952-60	54	12	Oct. 18, 1957	1.6	June 4, 1953	1952-59	5	58.4	Aug. 17, 1959	56.0	
N3932	B-5	Cedarcroft	do.	PS	191-215	M	1953-61	6	18	Oct. 11, 1957	1.6	June 4, 1953	1952-59	5	53.2	Aug. 22, 1962	--	
N3934	C-6	Garden City	Vill. of Garden City	PS	368-408	M	1953-61	7	11	Nov. 12, 1957	1.6	June 5, 1956	1952	--	53.6	July 18, 1962	--	
N3935	C-6	Nailevrie	Long Island Water Corp.	PS	359-442	M	1952-62	7	13	Oct. 13, 1953	3.6	Aug. 26, 1950	1962	--	55.9	July 20, 1962	--	
N3937	C-5	Hicksville	Hicksville Wd	PS	159-213	M	1952-61	7	12	Oct. 13, 1953	7.2	Aug. 11, 1954	1962	--	52.1	July 20, 1962	--	
N4010	C-8	Farmingdale	Liberty Products Corp.	Ind	371-419	M	1961	1	Jan. 4, 1961	5	May 14, 1954	1962	--	56.0	July 11, 1962	--		
N4026	B-5	Woodbridge	South Farmingdale Wd	PS	151-194	M	1953-61	28	8	1/4	Apr. 9, 1959	3	May 18, 1959	1962	3	52.4	July 18, 1962	--
N4042	C-8	Farmingdale	do.	PS	317-469	M	1953-61	7	9.8	Sept. 30, 1954	3	May 18, 1959	1962	1	51.7	July 18, 1962	--	
N4043	C-8	do.	Nassau County Sanatorium	PS	191-215	M	1952-60	9	9	Aug. 3, 1959	8	Feb. 16, 1959	1952-59	--	51.7	July 18, 1962	--	
N4047	D-8	Plainview	do.	PS	165	M	1953-62	24	49 2/	Aug. 12, 1959	15	Nov. 12, 1959	1953-56	3	59.0	Apr. 17, 1962	57.6	
N4063	D-5	Bethpage	Bethpage Wd	PS	139-233	M	1953-62	5	17	Sept. 30, 1953	12	June 23, 1953	1952	1	52.2	July 18, 1962	--	
N4073	E-7	Centre Island	Walter Graw	D	360-380	M	1954-59	4	19	Feb. 12, 1962	12	June 23, 1954	1962	--	56.7	May 22, 1962	--	
N4077	C-5	Floral Park	do.	PS	195-235	M	1954-59	4	6.8	Aug. 23, 1954	4.4	Mar. 10, 1960	1962	--	54.6	May 22, 1962	--	
N4082	D-6	Minsele	PS	440-462	M	1954-59	5	4.2	Sept. 9, 1957	3.2	Aug. 3, 1954	1962	--	54.3	July 19, 1962	--		
N4092	D-8	Plainview	Plainsview Wd	PS	144-194	M	1953-61	4	4.6	Aug. 3, 1954	3.8	Dec. 7, 1951	1962	--	54.3	July 19, 1962	--	
N4097	D-8	do.	do.	PS	143-165	M	1953-61	5	4.6	Sept. 3, 1954	3.6	Dec. 7, 1951	1962	--	53.2	July 19, 1962	--	
N4118	C-6	Hempstead	West Hempstead-Gardens Wd	PS	146-204	M	1954-61	6	57	Feb. 23, 1954	24	Oct. 18, 1961	1962	--	54.4	July 19, 1962	--	
N4132	B-6	Belvidere	Long Island Water Corp.	PS	529-599	M	1953-62	8	5.6	Oct. 3, 1955	3.6	Aug. 4, 1954	1962	1	56.2	July 18, 1962	--	
N4133	D-7	Locust Grove	Jericho Wd	PS	400-450	M	1954-62	6	18	Feb. 21, 1962	4.2	Apr. 20, 1954	1962	2	53.8	July 18, 1962	--	
N4146	D-8	Bethpage	do.	PS	176-235	M	1955-61	17	7	June 8, 1960	2	June 22, 1956	1962	1	52.4	July 18, 1962	--	
N4149	B-7	do.	do.	PS	516-562	M	1953-57	12	8	June 8, 1960	2.5	Sept. 30, 1953	1953-57	2	55.5	July 19, 1962	--	
N4206	D-6	Frederick	do.	PS	729-745	M	1953-56	8	11	Feb. 27, 1961	3	Mar. 1, 1954	1954-56	6	56.0	July 19, 1962	--	
N4206	D-6	Carle Place	Carle Place Wd	PS	305-355	M	1954-62	8	11	Feb. 27, 1961	6.2	June 8, 1954	1954	1	53.0	May 22, 1962	--	
N4223	D-5	Valley Stream	Port Washington Wd	PS	277-330	P	1954-61	30	28	July 10, 1954	5.8	Dec. 15, 1954	1962	--	53.2	June 30, 1962	--	
N4243	D-5	Port Washington	Manhasset-Lakeville Wd	PS	205-255	M	1954-62	13	21	Aug. 7, 1954	5.8	June 12, 1954	1954	1	54.0	Apr. 30, 1957	--	
N4244	E-3	Port Washington	Port Washington Sewer	Ind	131-141	P	1953-57	14	52	Oct. 13, 1953	18	June 18, 1954	1954	2	56.0	Apr. 11, 1956	53.5	
N4245	D-7	Jericho	Jericho Wd	PS	565-605	M	1955-62	5	12	May 16, 1960	5.2	Jan. 3, 1955	1962	2	53.9	July 23, 1962	--	
N4246	D-7	do.	do.	PS	403-515	M	1954-61	4	11	July 15, 1957	4.6	Oct. 20, 1954	1962	1	53.9	July 23, 1962	--	
N4255	D-7	Roslyn	Roslyn Wd	PS	435-485	M	1954-62	5	5.2	Apr. 14, 1954	3.2	Apr. 6, 1954	1962	--	54.0	May 31, 1962	--	
N4265	D-5	Great Neck	USGS	0	377-392	L	1954	4.5	4.5	Nov. 29, 1954	--	do.	1954	1	54.5	May 29, 1954	--	
N4266	D-5	Floral Park	do.	PS	319-384	M	1954-62	4	16.0	Dec. 18, 1957	6.0	Apr. 26, 1954	1962	1	54.8	May 22, 1962	--	
N4298	C-5	Albertson	Albertson Wd	PS	325-325	M	1954-62	3	12.0	Sept. 17, 1957	3.4	Jan. 17, 1955	1955	2	53.2	May 20, 1962	--	
N4327	D-5	Great Neck	Albertson Cit. WSC	PS	325-325	M	1954-62	3	12	Mar. 26, 1960	8	May 25, 1954	1955	--	54.4	May 25, 1954	--	
N4338	D-5	Great Neck	Great Neck	PS	325-325	M	1954-62	3	12	Mar. 26, 1960	8	May 25, 1954	1955	--	54.4	May 25, 1954	--	

/ Highest reliable concentration given, contamination due to nearby construction.

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/ Highest reliable concentration given, history of leaky casing.

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N.Y.—Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Chloride concentration										Water temperature						
						Period of record (years)	Geologic source	Highest of record		Lowest of record		Chloride (ppm)	Date	Period of record (years)	No. of samples	Temperature (°F)	Date	Period of record (years)	No. of samples	Temperature (°F)	Date	
								No. of samples	Chloride (ppm)	Date	Chloride (ppm)	Date										
NH-389	E-5	Sands Point	W. of Sands Point	PS	150-176; 208-224	1954-62	P	3	12	Jan.	11, 1956	10	Nov.	23, 1954	1962	—	53.1	July	25, 1962	—	—	
NH-390	D-5	New Hyde Park	Jam. WSC	PS	184-195	1954-61	up	4	16	Sept.	15, 1959	9	June	1, 1954	1962	—	55.2	May	22, 1962	—	—	
NH-393	C-5	Lybrook	Long Island Water Corp.	PS	142-174	1954	M	5	4.8	Oct.	3, 1955	3.2	June	21, 1954	1962	—	56.7	July	18, 1962	—	—	
NH-394	C-5	Maureverne	Long Island Water Corp.	PS	132-175	1954	M	2	12	Aug.	5, 1955	11	July	7, 1954	1962	—	51.1	Feb.	21, 1962	—	—	
NH-400	E-7	Oyster Bay	Long Island Water Corp.	PS	1957-62	1954-62	L	5	6.2	July	23, 1957	9.4	June	28, 1954	1962	—	62.8	July	18, 1962	—	—	
NH-405	B-5	At lat. 41° Beach	do.	PS	1954-62	18	M	16	3.1	1952	1952	5	July	1, 1952	1962	—	51.1	Aug.	18, 1962	—	—	
NH-411	B-5	Lynbrook	do.	PS	180-195	1954-60	M	3	4.4	Aug.	4, 1954	3.8	June	28, 1954	1962	—	56.9	July	18, 1962	—	—	
NH-425	C-6	Hempstead	do.	PS	325-365	1954-62	M	6	7.2	Dec.	19, 1957	6.0	Oct.	24, 1956	1962	—	53.7	July	17, 1962	—	—	
NH-427	C-7	East Meadow	do.	PS	280-320	1954-61	M	4	7.4	Oct.	17, 1961	4.4	Aug.	1, 1954	1962	—	52.2	July	17, 1962	—	—	
NH-428	C-7	Hempstead	do.	PS	1955-61	1955-61	M	5	4.0	Feb.	23, 1955	3.2	Oct.	26, 1951	1962	—	54.6	July	17, 1962	—	—	
NH-429	C-7	Levittown	do.	PS	1956-61	1956-61	M	2	4.0	Feb.	3, 1956	3.8	Nov.	10, 1961	1962	—	53.2	July	17, 1962	—	—	
NH-450	C-7	Levittown	do.	PS	415-466	1956-61	M	1	4.0	June	26, 1956	—	July	17, 1956	1962	—	52.5	July	17, 1962	—	—	
NH-451	C-7	Wantagh	NYMSD	PS	343-396	1956-59	M	5	7.0	June	26, 1959	5.2	June	26, 1954	1962	—	52.7	July	17, 1962	—	—	
NH-454	C-8	Valley Stream	Jam. WSC	PS	106-136	1956-59	M	151-172	5	4.6	Sept.	1, 1954	—	—	—	1962	—	56.6	May	22, 1962	—	—
NH-455	B-7	Jones Beach	Long Island State Park Comm. do.	PS	1-157	1954	M	1	8	Feb.	3, 1954	6	Apr.	5, 1954	1954	—	57.8	Apr.	5, 1954	—	—	
NH-456	B-7	Great Island	do.	PS	2-62	1954-62	up	6	12	Mar.	9, 1954	6	Apr.	5, 1954	1954	—	57.0	Apr.	5, 1954	—	—	
NH-457	B-7	Jones Beach	do.	PS	201-241	1954-60	M	3	4.2	Apr.	2, 1954	3.0	Oct.	5, 1954	1954	—	55.8	Oct.	5, 1954	—	—	
NH-458	B-6	Island Park	do.	PS	67-70	1954	up	2,380	4.2	July	13, 1954	4.0	Oct.	18, 1954	1961	—	52.5	July	17, 1962	—	—	
NH-462	C-6	Massapequa	Massapequa WD	PS	382-444	1957-61	M	4	5.4	Aug.	14, 1957	4.8	June	15, 1955	1962	—	51.8	July	17, 1962	—	—	
NH-463	D-6	Roslyn	do.	PS	112-184	1958-61	M	6	14	July	11, 1960	11	July	15, 1954	1962	—	54.5	May	31, 1962	—	—	
NH-468	D-7	Hicksville	Pittsburgh Plate Glass Co.	PS	435-485	1952-62	M	1	5.2	Apr.	16, 1952	5	May	30, 1952	1962	—	—	—	—	—	—	
NH-476	C-7	East Hempstead	Uniondale WD	PS	1956-61	1956-61	M	5	4.8	Apr.	12, 1960	4.0	May	2, 1956	1962	—	—	—	—	—	—	
NH-477	C-7	do.	do.	PS	1955-61	1955-61	M	6	4.2	June	7, 1955	3.6	Nov.	2, 1957	1962	—	53.1	July	17, 1962	—	—	
NH-478	C-7	do.	do.	PS	1955-61	1955-61	M	7	5.2	Mar.	6, 1956	3.2	Oct.	25, 1956	1962	—	54.9	July	17, 1962	—	—	
NH-479	C-7	Port Washington	Port Washington WD	PS	355-385	1955-61	J	5	4.6	May	20, 1957	3.2	Oct.	25, 1956	1962	—	53.1	Sept.	14, 1956	54.0	May 31, 1962	
NH-480	E-5	Port Washington	do.	PS	60-61	1955-61	up	20	5.6	Aug.	12, 1957	4.8	June	15, 1955	1955	—	56.3	Sept.	14, 1955	53.5	Oct. 28, 1954	
NH-497	D-7	Westbury	Westbury WD	PS	210-260	1955-61	M	9	10	July	20, 1961	5.8	Nov.	9, 1961	1956	—	55.5	Oct.	5, 1956	54.5	May 29, 1962	
NH-507	D-5	Lake Success	Wahnassaer-Lakawille WD	PS	245-308	1956-61	M	3	4.2	June	7, 1955	3.6	Aug.	29, 1960	1962	—	60.8	May	1, 1962	54.4	May	
NH-509	B-12	Lyndook	Long Island Water Corp.	PS	267-319	1955-61	M	6	4.2	June	7, 1955	3.6	Aug.	26, 1960	1962	—	53.1	July	17, 1962	—	—	
NH-512	C-5	Valley Stream	South Farmingdale WD	PS	283-349	1955-60	M	4	4.2	June	7, 1955	3.6	Aug.	26, 1960	1962	—	55.2	July	17, 1962	—	—	
NH-514	C-8	South Farmingdale	do.	PS	165-219	1955-61	M	6	4.2	Aug.	12, 1957	4.8	June	16, 1957	1957	—	51.6	July	18, 1962	—	—	
NH-517	C-8	South Farmingdale	do.	PS	297-331	1955-61	M	3	5.4	July	18, 1957	4.2	Nov.	21, 1957	1957	—	51.6	Sept.	14, 1957	53.5	Oct. 28, 1954	
NH-518	C-8	Locust Valley	Locust Valley WD	PS	305-355	1955-62	M	5	9.2	July	12, 1956	7.2	July	2, 1956	1962	—	53.7	July	18, 1962	—	—	
NH-519	B-6	Bellwood	Long Island Water Corp. Jam. WSC	PS	268-323	1955-61	M	4	7.2	Jan.	14, 1956	5.4	May	18, 1955	1955	—	53.7	July	18, 1962	—	—	
NH-520	C-5	Elmont	do.	PS	70-90	1955-59	up	2	15	Aug.	27, 1959	11	June	9, 1955	1955	—	—	—	—	—	—	
NH-521	C-5	Elmont	do.	PS	201-311	1955-61	M	14	8.6	June	9, 1955	8.6	Oct.	8, 1956	1962	—	55.5	July	22, 1962	—	—	
NH-522	C-5	Garden City	do.	PS	425-475	1955-61	M	5	6.8	Nov.	20, 1957	3.8	Sept.	26, 1956	1962	—	56.1	July	9, 1958	55.8	May 10, 1962	
NH-523	C-6	Long Island Water Corp.	do.	PS	454-494	1955-60	M	3	4.4	June	23, 1957	3.4	Aug.	29, 1956	1957	—	56.1	July	9, 1958	55.8	May 10, 1962	
NH-524	C-7	Vill. of Rockville Centre	do.	PS	490-550	1955-61	M	7	8	July	9, 1958	3.6	May	31, 1956	1956	—	56.1	July	9, 1958	55.8	May 10, 1962	
NH-525	B-6	Vill. of Rockville Centre	do.	PS	453-515	1955-62	M	7	8	July	9, 1958	3.6	Feb.	19, 1957	1957	—	57.8	July	23, 1956	56.2	May 10, 1962	
NH-526	B-6	Roslyn Harbor	do.	PS	434-509	1955-61	M	3	4.8	May	9, 1959	4.4	May	4, 1958	1958	—	58.3	July	23, 1956	56.2	May 10, 1962	
NH-527	B-6	Port Washington	Port Washington WD	PS	250-299	1955-61	M	29	15	July	10, 1959	5.4	May	29, 1958	1958	—	62.6	July	21, 1962	52.3	July 17, 1961	
NH-529	B-5	Point Lookout	do.	PS	119-1250	1955-61	M	6	6	Aug.	12, 1959	5.4	May	2, 1958	1958	—	62.7	July	19, 1962	52.3	July 17, 1961	
NH-533	B-6	Monaco Surf Club	do.	PS	517-547	1955-62	M	10	7.0	June	22, 1959	3.0	May	5, 1959	1959	—	60.0	July	17, 1962	53.0	July 17, 1962	
NH-534	C-7	North Bellmore	do.	PS	24-308	1955-61	M	5	8.2	June	7, 1955	7.0	June	13, 1959	1959	—	54.8	July	17, 1962	53.7	July 17, 1962	
NH-535	C-6	West Hempstead-Gardens	do.	PS	452-515	1955-61	M	4	6.2	Dec.	24, 1957	4.8	Oct.	21, 1959	1959	—	53.7	July	17, 1962	53.7	July 17, 1962	
NH-536	E-6	Glen Cove	NYMSD	PS	131-170;	1952-62	M	15	8.4	May	25, 1954	8.4	June	13, 1960	1962	—	53.0	May	31, 1962	—	—	
NH-537	C-7	Levittown	Levittown WD	PS	185-195	1952-62	M	14	5.0	Feb.	21, 1962	5.0	May	28, 1956	1962	—	52.4	Feb.	21, 1962	52.3	July 17, 1961	
NH-538	C-7	Levittown	Levittown WD	PS	320-377	1952-62	M	6	5.0	Feb.	21, 1962	5.0	May	28, 1956	1962	—	52.4	Feb.	21, 1962	52.3	July 17, 1961	
NH-539	C-7	Levittown	Levittown WD	PS	431-484	1952-62	M	5	5.0	Feb.	21, 1962	5.0	May	28, 1956	1962	—	52.4	Feb.	21, 1962	52.3	July 17, 1961	
NH-540	C-7	Levittown	Levittown WD	PS	454-506	1952-62	M	6	5.0	Feb.	21, 1962	5.0	May	28, 1956	1962	—	52.4	Feb.	21, 1962	52.3	July 17, 1961	
NH-541	C-7	Levittown	Levittown WD	PS	415-467	1952-62	M	1	3.4	Sept.	14, 1961	—	—	—	—	—	—	—	—	—	—	

Table I.—Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.—Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Period of record (years)	Chloride concentration			Water temperature			
								No. of samples		Chloride (ppm)	Highest of record		Lowest of record	
								Date	Chloride (ppm)	Date	Chloride (ppm)	Date	Chloride (ppm)	Date
N5305	D-8	Bethpage	Grumman Aircraft Engineering Corp., do.	Ind	116-167	M	1962	1	15	Jan. 23, 1962	--	--	--	--
N5306	D-8	do.	City of Long Beach	Ind	173-204;	M	1962	1	9-8	Jan. 23, 1962	--	--	--	--
N5308	B-6	Long Beach East Meadow	East Meadow WD	PS	1160-1220	L	1955-62	7	6.5	July 31, 1962	1.8	July 16, 1962	1.8	July 16, 1962
N5318	C-7	do.	do.	PS	260-310	M	1951-62	4	4.6	Nov. 7, 1957	3.6	Feb. 20, 1962	3	Aug. 20, 1959
N5320	C-7	do.	do.	PS	319-379	M	1951-62	2	4.4	Oct. 1, 1957	3.6	Nov. 21, 1962	--	--
N5321	C-7	do.	do.	PS	449-509	M	1956-62	4	3.8	July 11, 1956	3.4	June 12, 1958	--	--
N5322	C-7	do.	Hicksville WD	PS	470-510	M	1956-61	3	3.6	June 12, 1953	2.8	May 22, 1956	1	July 17, 1952
N5336	C-7	Hicksville	do.	PS	472-523	M	1957-62	7	15	Jan. 29, 1953	4.0	Feb. 20, 1962	1	July 20, 1962
N5228	D-5	North Hills	Manhasset-Lakeville WD	PS	130-490	M	1955-61	4	6.6	Aug. 31, 1955	5.8	Apr. 7, 1960	1	July 20, 1962
N5320	D-5	Port Washington	Port Washington WD	D	272-326	L	1952-57	3	8	June 10, 1957	6.8	Dec. 11, 1955	--	--
N5326	C-6	Mineola	Vill. of Mineola	PS	403-463	M	1956-61	5	9.4	Oct. 7, 1957	6.8	Dec. 11, 1955	1	May 22, 1962
N5323	D-5	Garden City Park	Garden City Park WD	PS	365-415	M	1957-62	4	26	Sept. 25, 1957	6.0	Feb. 25, 1960	1	May 23, 1962
N5325	C-6	South Hempstead	Long Island Water Corp.	PS	537-589	M	1956-62	6	5.4	Jan. 14, 1958	3.8	Mar. 15, 1958	1	May 23, 1962
N5324	C-6	Westbury	Westbury WD	PS	275-335	M	1956-61	9	36	May 14, 1955	5.8	Nov. 29, 1961	1	May 23, 1962
N5655	D-7	do.	do.	PS	205-225	M	1955-62	10	8	Feb. 21, 1952	4.3	Mar. 26, 1957	3	July 18, 1962
N5656	B-6	Lakeview	Long Island Water Corp.	PS	445-495	M	1955-62	4	4.4	June 17, 1952	3.6	Mar. 1, 1962	1	July 18, 1962
N5695	B-6	Frederick	Vill. of Freeport	PS	465-516	M	1957-62	6	8.0	July 10, 1958	3.2	Feb. 8, 1962	2	May 19, 1958
N5696	B-7	do.	do.	PS	384-452	M	1957-62	5	4.8	Aug. 29, 1957	4.0	Oct. 18, 1961	1	May 19, 1958
N5703	C-8	Maspesqua	Maspesqua WD	PS	429-479	M	1956-61	5	8.4	Sept. 30, 1957	7.2	Apr. 7, 1960	2	May 29, 1962
N5710	D-5	Lake Success	Manhasset-Lakeville WD	PS	322-355	P	1957-61	6	13	June 13, 1950	7.0	Sept. 13, 1956	2	May 29, 1962
N5762	E-6	Glen Cove	NYSD	PS	221-280	M	1956-61	4	4.0	June 14, 1956	3.2	Feb. 21, 1962	1	July 17, 1962
N5767	C-8	Wantagh	do.	PS	305-315;	M	1956-62	4	16	Aug. 12, 1959	7	May 5, 1960	--	--
N5768	B-6	Lido Beach	Shelburne Grand Hotel	C	445-486;	M	1959-62	7	8.6	Aug. 11, 1960	5.6	Mar. 6, 1957	1	May 31, 1962
N5792	E-6	Sea Cliff	Sea Cliff Water Co.	PS	252-295	M	1957-62	4	7.0	Jan. 22, 1958	5.2	Apr. 30, 1957	1	May 31, 1962
N5848	C-8	Maspesqua	NYSD	PS	204-230;	M	1957-62	5	16	Aug. 12, 1959	7	May 5, 1960	--	--
N5852	D-6	East Hills	Brooklyn WD	PS	270-325;	M	1957-62	3	5.2	May 11, 1957	4.5	Dec. 20, 1958	2	May 27, 1962
N5876	D-5	Port Washington	Port Washington WD	PS	168-238	M	1957-61	11	11	July 10, 1959	4.0	Sept. 1, 1959	2	May 27, 1962
N5884	D-5	Great Neck	Cit. WSC	PS	92-107;	M	1956-57	2	7.2	May 9, 1957	6.2	Sept. 6, 1956	1	May 27, 1962
N5907	B-5	Long Beach	Albertson WD	C	117-163	M	1957-61	3	980	Oct. 20, 1961	720	Mar. 28, 1961	720	May 27, 1962
N5947	D-6	do.	do.	PS	295-365	up	1961	5	10	Sept. 17, 1957	4.0	Oct. 1, 1957	4.0	May 27, 1962
N5942	E-7	Mill Neck	Mill Neck Estates	PS	312-337	L	1957-61	2	4.4	Oct. 10, 1957	4.0	Dec. 13, 1959	4.0	May 27, 1962
N5976	D-8	Plainview	Plainview WD	PS	388-460	M	1957-61	3	5.4	Nov. 20, 1957	4.8	Aug. 8, 1957	--	--
N5977	D-8	Bethpage	Bethpage WD	PS	229-275	M	1957-61	3	4.2	June 12, 1957	3.2	Sept. 20, 1961	1	May 27, 1962
N5987	E-5	Port Washington	Port Washington WD	PS	56-85	M	1957-61	32	9.0	Nov. 14, 1957	8.6	May 6, 1960	1	May 27, 1962
N6091	D-8	Centre Island	J. Townsend	D	78-85	up	1962	1	14	July 24, 1957	8.0	June 19, 1959	8.0	May 27, 1962
N6092	D-8	Woodbury	Jericho WD	PS	561-581	M	1957-61	4	7.4	Apr. 12, 1962	--	May 15, 1957	6.2	May 27, 1962
N6093	D-8	do.	do.	PS	546-606	M	1958-61	2	6.2	Feb. 21, 1962	5.0	July 15, 1957	5.0	May 27, 1962
N6148	C-6	Lakeview	Long Island Water Corp.	PS	462-489;	M	1957-62	4	5.6	Aug. 23, 1960	5.6	May 16, 1960	1	May 27, 1962
N6148	C-8	South Farmingdale	South Farmingdale WD	PS	523-561	M	1957-61	3	5.4	June 24, 1957	3.8	Dec. 4, 1961	1	May 27, 1962
N6149	C-8	do.	do.	PS	528-535	M	1956-61	2	3.6	Dec. 4, 1960	3.0	Mar. 16, 1960	1	May 27, 1962
N6150	D-7	Hicksville	Hicksville WD	Ind	83-100	M	1956-61	1	190	Oct. 19, 1957	--	Dec. 4, 1960	1	May 27, 1962
N6190	B-5	do.	do.	PS	590-600	M	1960-61	2	4.2	Feb. 16, 1960	3.8	Nov. 20, 1961	1	May 27, 1962
N6191	D-7	do.	do.	PS	390-451	M	1960-61	3	8	Feb. 21, 1962	3.6	Nov. 20, 1961	2	May 27, 1962
N6192	D-7	do.	do.	PS	575-627	M	1960-61	2	8.2	Nov. 20, 1961	4.6	Feb. 16, 1960	1	May 27, 1962
N6193	D-7	do.	do.	PS	396-442;	M	1960-61	16	16	Nov. 20, 1961	3.8	Feb. 16, 1960	1	May 27, 1962
N6241	B-6	Bay Park	USGS	O	392-467	M	1952-53	4	42	Nov. 4, 1953	30	Nov. 21, 1952	1	May 27, 1962
N6242	B-5	Cedarhurst	do.	PS	11	up	1952	2	2,700	June 28, 1952	8	June 12, 1952	3	May 27, 1962
N6243	B-5	Woodmere	do.	PS	21	up	1952	2	2,700	June 28, 1952	7	June 12, 1952	1	May 27, 1962
N6244	B-5	Oceanside	do.	PS	8-10	up	1952	2	22	Nov. 26, 1952	10	Nov. 28, 1952	2	May 27, 1962
N6245	B-5	Woodmere	do.	PS	9	up	1952	3	750	Nov. 13, 1952	7	Nov. 31, 1952	2	May 27, 1962
N6247	B-5	Lynbrook	Formerly Queens County Water Co.	PS	72	up	1953	1	16	Dec. 9, 1953	7	Nov. 18, 1952	2	May 27, 1962
N6248	E-5	Sands Point	Carle Place WD	PS	384-394	J	1957	1	5.4	Aug. 23, 1957	6.5	Jan. 13, 1959	1	May 27, 1962
N6315	D-6	Carle Place	Colonial Sand and Stone Co., Inc.	Ind	296-348	M	1956-62	7	7.8	Jan. 10, 1962	6.5	Jan. 22, 1957	1	May 27, 1962
N6316	D-6	Port Washington	do.	PS	365-375	L	1957	1	4.9	Oct. 1, 1957	--	--	--	May 27, 1962

1/ Water from shallow test well, same site, had 2550 ppm of chloride at depth of 52 ft., Sept. 10, 1957.

Table I.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature										
							Period of record (years)	No. of samples	Chloride (ppm)	Highest of record		Lowest of record		No. of samples	Chloride (ppm)	Highest of record		Lowest of record			
										Date	Chloride (ppm)	Date	Chloride (ppm)			Date	Temperature (°F)	Date	Temperature (°F)		
N6367	B-6	Island Park	NDDPW	0	7-9	uP	1960	1	8.6	Jan. 29, 1960	--	--	--	--	--	July 17, 1962	53.0	July 17, 1962	--	--	
N6412	E-7	Centre Island	Charles Whitney	D	4.18-4.33	L	1960-61	3	3.4	Apr. 12, 1962	--	Oct. 20, 1961	1962	1	51.8	July 17, 1962	--	July 17, 1962	--	--	
N6443	C-8	Nassapequa do.	Nassapequa WD	PS	525-592	M	1960-2177	2	9.2	July 11, 1960	8.4	Oct. 11, 1960	1961	1	51.8	July 17, 1962	--	July 17, 1962	--	--	
N6490	B-6	Long Beach	City of Long Beach	PS	227-267	L	1958-62	6	6.2	Feb. 1, 1962	1962	Nov. 6, 1961	1959-62	2	70.1	Aug. 29, 1959	69.8	May 20, 1962	60.9	July 21, 1958	
N6510	B-5	Lawrence	Vill. of Lawrence	0	4.56-4.61	L	1958-62	10	14,500	Nov. 19, 1959	13,800	3.6	Apr. 9, 1959	1958-59	2	61.0	Aug. 6, 1959	60.9	July 21, 1958	--	--
N6578	E-7	Centre Island	Dana Friend	PS	523-570	M	1960-61	2	3.6	Mar. 28, 1960	--	Dec. 7, 1961	1962	1	54.3	July 19, 1962	--	July 19, 1962	--	--	
N6581	B-5	Woodmere	Long Island Water Corp.	0	574-584	M	1958-61	8	9,100	Apr. 13, 1962	7,390	Oct. 6, 1958	1958-59	2	60.5	Oct. 6, 1958	60.0	Aug. 18, 1959	--	--	
N6643	B-6	Island Park	Central Rock Ready Mix Co., Inc.	Ind	133-143	J	1959-61	4	154	Apr. 6, 1962	60	Feb. 27, 1959	1959	--	--	--	--	--	--	--	--
N6644	C-8	Farmingdale	Vill. of Farmingdale	PS	175-222	M	1952-61	4	7.6	Nov. 20, 1961	4.6	Aug. 2, 1954	1954	1	51.1	July 18, 1962	--	July 18, 1962	--	--	
N6651	D-7	Jericho	Jericho WD	PS	272-292	M	1960-61	2	1.2	May 15, 1961	9.2	June 21, 1961	1962	1	56.1	July 23, 1962	--	July 23, 1962	--	--	
N6657	B-8	Tobay Beach	Town of Oyster Bay	G	26-28	uP	1961-62	4	23	Aug. 7, 1961	16	Sept. 19, 1959	1961-62	23	59.4	Nov. 4, 1961	54.9	Feb. 28, 1962	--	--	
N6659	C-8	Leffittown	J. Vill. of Soren A. Salikhan	D	455-460	J	1960	1	3.7	Dec. 5, 1960	15,800	Nov. 12, 1959	1959-60	5	60.8	Dec. 5, 1960	59.8	Feb. 28, 1962	--	--	
N6671	E-7	Cove Neck	666-577	M	1959-62	8	4	15,800	4,160	Apr. 6, 1962	4,830	July 21, 1960	1960	5	61.7	Aug. 31, 1960	59.9	Mar. 14, 1960	--	--	
N6702	B-5	Atlantic Beach	do.	do.	284-294	M	1960-62	4	1.2	Sept. 18, 1959	5.4	July 19, 1960	1960	1	59.5	July 19, 1960	58.4	Mar. 14, 1960	--	--	
N6703	B-5	do.	do.	0	146-156.5	J	1959-62	7	12	Sept. 12, 1959	12	July 19, 1960	1960	3	60.4	July 19, 1960	58.4	Mar. 14, 1960	--	--	
N6704	B-5	do.	do.	0	620-639	M	1960-62	5	12,900	Apr. 12, 1962	11,900	Jan. 1, 1962	1962	3	62.4	July 11, 1960	58.4	Mar. 14, 1960	--	--	
N6705	B-5	Woodbridge	do.	0	493-503	M	1959-62	7	1.700	Apr. 9, 1962	1,150	July 11, 1960	1959-60	3	59.8	July 11, 1960	58.9	Sept. 29, 1960	--	--	
N6707	B-5	do.	do.	0	633-527	uP	1959-61	3	185	Oct. 17, 1961	48	July 29, 1959	1959	1	58.0	July 29, 1959	57.0	Sept. 29, 1960	--	--	
N6723	B-5	do.	do.	0	14-16	Re	1959	3	21	July 19, 1959	12	July 27, 1959	1959	--	--	--	--	--	--	--	
N6724	B-5	Elmont	Jan. WSC	do.	1960-62	M	1960-62	6	16	Sept. 28, 1960	2,000	July 19, 1960	1960	4	60.5	Sept. 23, 1960	59.0	Sept. 23, 1960	--	--	
N6744	C-5	do.	do.	PS	304-344	M	1960-61	2	9.4	Sept. 29, 1960	2,0	Oct. 23, 1961	1961	--	--	--	--	--	--	--	
N6745	C-5	do.	do.	PS	14-50	uP	1959-62	4	12	Mar. 15, 1960	6.0	June 2, 1962	1962	2	59.0	July 11, 1960	55.5	Mar. 15, 1960	--	--	
N6752	B-5	Woodbridge	do.	0	9-11	Re	1960-62	4	2,500	Apr. 6, 1962	1,600	Mar. 15, 1960	1960	1	61.1	Nov. 13, 1960	55.5	Mar. 15, 1960	--	--	
N6753	B-5	Rockville Centre	Vill. of Rockville Centre	PS	205-538	M	1960-62	4	6	May 10, 1961	1,600	June 2, 1962	1962	2	56.1	July 19, 1962	55.9	May 10, 1962	--	--	
N6817	B-5	Westbury	Westbury WD	PS	215-265	M	1960-61	3	7.5	July 25, 1960	1,600	June 8, 1961	1961	--	--	--	--	--	--	--	
N6819	D-7	Point Lookout	1021-1337	R	1960-62	10	64	115	115	May 25, 1960	1,600	July 25, 1960	1960	5	66.9	June 8, 1960	62.0	July 6, 1960	--	--	
N6820	B-5	do.	do.	0	890-999	M	1960-62	6	1.6	Sept. 16, 1961	1,600	July 12, 1960	1960	4	61.0	Sept. 23, 1960	61.0	July 5, 1960	--	--	
N6850	B-5	do.	do.	0	551-556	M	1960-62	6	1.6	Sept. 16, 1961	1,600	July 6, 1960	1960	4	60.5	Sept. 23, 1960	59.0	July 5, 1960	--	--	
N6851	B-5	do.	do.	0	258-233	M	1960-62	12	9,500	Sept. 16, 1961	8,100	July 25, 1960	1960	5	59.5	Sept. 23, 1960	56.0	July 8, 1960	--	--	
N6852	B-5	do.	do.	PS	566-636	M	1960-61	2	3.8	June 1, 1960	3.2	Oct. 21, 1961	1961	1	54.3	July 17, 1962	55.9	July 8, 1960	--	--	
N6866	C-8	Massapequa	Massapequa WD	PS	414-4115	M	1961	2	3.4	Nov. 21, 1961	2.9	Oct. 18, 1961	1961	1	53.6	July 17, 1962	55.9	July 8, 1960	--	--	
N6867	C-8	do.	do.	PS	456-4472	M	1960-61	2	1.2	Sept. 16, 1961	1,600	July 21, 1961	1961	--	--	--	--	--	--	--	
N6893	C-6	Roosevelt	Long Island Water Corp.	PS	478-492	M	1961-62	3	4.4	Feb. 21, 1961	3.4	Mar. 15, 1962	1962	1	51.7	July 18, 1962	--	July 18, 1962	--	--	
N6915	C-8	Bethpage	Bethpage WD	PS	500-550	M	1961	1	4.0	Sept. 28, 1961	--	May 1, 1962	1962	1	51.5	July 18, 1962	--	July 18, 1962	--	--	
N6916	C-8	do.	do.	PS	555-605	M	1961	1	3.0	Sept. 28, 1961	--	May 1, 1962	1962	2	50.0	May 25, 1962	54.0	Sept. 23, 1960	--	--	
N6920	B-5	Point Lookout	do.	0	10-42	Re	1960-62	5	210	Sept. 28, 1961	1,600	May 31, 1961	1961	--	--	--	--	--	--	--	
N6928	B-6	Bay Park	Garden City Park WD	0	716-726	M	1960-62	4	7.0	Sept. 28, 1961	1,600	May 31, 1961	1961	5	53.9	May 29, 1962	--	May 29, 1962	--	--	
N6945	D-5	Garden City Park	Plainview WD	PS	351-401	M	1961-62	2	5.0	Sept. 16, 1960	4,200	Oct. 3, 1961	1961	1	52.1	July 19, 1962	55.2	July 19, 1962	--	--	
N6956	D-8	Plainview	Vill. of Rockville Centre	PS	514-515	M	1960-61	2	1.2	Sept. 28, 1960	6	Aug. 1, 1962	1962	--	--	--	--	--	--	--	
N7000	B-5	Lawrence	Vill. of Lawrence	Irr	99-110	uP	1960-62	3	86	Aug. 22, 1961	1,600	Aug. 3, 1961	1961	--	--	--	--	--	--	--	
N7020	B-6	Island Park	Eastern Asphalt Co.	C	120-125	M	1960-62	3	--	Sept. 28, 1961	--	July 18, 1962	1962	1	54.4	July 23, 1962	--	July 23, 1962	--	--	
N7030	D-7	Rockville Centre	do.	PS	480-520	M	1961-62	3	5	Oct. 1, 1961	1,600	Aug. 1, 1961	1961	1	59.1	Aug. 1, 1962	56.0	Sept. 23, 1960	--	--	
N7161	B-6	Bayville	Vill. of Rockville Centre	O	661-666	M	1961-62	7	30	Aug. 11, 1961	1,600	Aug. 11, 1961	1961	2	52.1	July 19, 1962	55.2	July 19, 1962	--	--	
N7193	E-7	Rockville	Vill. of Rockville Centre	O	15-18	uP	1962	1	4.5	Sept. 11, 1962	--	--	--	--	--	--	--	--	--	--	
N7207	B-6	Plainview	Vill. of Rockville Centre	O	95-98	M	1962	1	1	July 11, 1962	--	--	--	--	--	--	--	--	--	--	

Table 2.—Chloride concentration and temperature of water from wells in Nassau County, N. Y.

Analyses by U.S. Geological Survey, New York State Department of Health, Nassau County Department of Health, Nassau County Department of Public Works, and private laboratories. Temperature measurements by U.S. Geological Survey personnel. For additional well data see table 1.

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N10.								
Feb. 27, 1935	3.9	-	Nov. 22, 1932	4	56.0	Sept. 11, 1952	4	69.5
1940	7.3	-	Aug. 31, 1938	8	-	July 14, 1953	6	70.0
1944	9.1	-	July 24, 1939	5	57.2	Sept. 3, 1954	5	69.5
1945	11	-	May 9, 1940	5	56.6	May 9, 1955	4.8	-
Mar. 10, 1947	8.2	-	Dec. 3, 1941	7	-	Aug. 20, 1959	-	69.9
Mar. 4, 1952	11	-	Mar. 26, 1945	-	58.7	June 1, 1960	-	69.8
Dec. 27, 1954	9.4	-	Apr. 1, 1947	4.4	-	Aug. 22, 1961	-	69.3
Jan. 11, 1955	16	-	May 17, 1950	4.4	56.7	Nov. 17, 1961	16	-
June 22, 1959	13	-	Aug. 28, 1953	4.0	-	Feb. 9, 1962	17	-
Sept. 28, 1960	12	-	Apr. 7, 1960	6.2	-	Mar. 27, 1962	34	-
May 25, 1962	-	54.7	Jan. 3, 1962	5.8	-	May 20, 1962	-	69.8
N12.								
Mar. 28, 1938	-	51.3	May 29, 1962	-	55.8	N41.—Continued		
1940	3.6	-	Nov. 22, 1932	4	56.0	Sept. 11, 1952	4	69.5
Mar. 10, 1952	4.8	-	Aug. 31, 1938	8	-	July 14, 1953	6	70.0
July 13, 1954	4.4	-	July 24, 1939	5	57.2	Sept. 3, 1954	5	69.5
June 22, 1959	6.5	-	May 9, 1940	5	56.6	May 9, 1955	4.8	-
May 22, 1962	-	55.8	Dec. 3, 1941	7	-	Aug. 20, 1959	-	69.9
N14.								
1941	13	-	Mar. 27, 1962	-	52.5	June 1, 1960	-	69.8
1942	9.5	-	Nov. 22, 1932	4	56.0	Aug. 22, 1961	-	69.8
May 29, 1944	11	-	Aug. 31, 1938	8	-	Feb. 9, 1962	17	-
Apr. 16, 1946	11	-	July 24, 1939	5	57.2	Mar. 27, 1962	34	-
July 8, 1952	15	-	May 9, 1940	5	56.6	May 20, 1962	-	69.8
Feb. 14, 1955	17	-	Dec. 3, 1941	7	-	N42.		
Sept. 15, 1959	18	-	Mar. 26, 1945	-	58.7	Aug. 21, 1934	4	-
June 1961	18	-	Apr. 1, 1947	4.4	-	Feb. 7, 1935	2	-
May 22, 1962	-	56.7	May 17, 1950	4.4	56.7	Dec. 15, 1937	10	67.0
N15.								
Feb. 27, 1935	12	-	Aug. 28, 1953	4.0	-	Aug. 3, 1938	-	70.2
1940	11	-	Apr. 21, 1960	8.0	-	Dec. 5, 1945	4	67.4
1941	9.4	-	Jan. 17, 1962	5.8	-	June 14, 1949	10	-
May 2, 1944	11	-	May 29, 1962	-	52.5	June 1, 1951	6	68.4
Mar. 10, 1947	14	-	N43.			July 14, 1953	8	68.1
July 8, 1952	19	-	Sept. 3, 1954	8	-	Sept. 3, 1954	8	68.2
Sept. 15, 1959	21	-	May 9, 1955	5.2	-	N44.		
June 1961	23	-	N30.					
May 22, 1962	-	59.7	Sept. 24, 1940	5	54.6	Aug. 22, 1934	10	-
N17.			Jan. 10, 1949	5.2	-	Dec. 31, 1936	5	68.7
1940	4.3	-	June 25, 1952	5.4	-	Dec. 15, 1937	5	68.5
1945	5.2	-	Sept. 23, 1957	5.8	-	Nov. 22, 1944	7	68.5
Mar. 10, 1947	6.2	-	July 27, 1962	-	54.2	Sept. 6, 1945	6	69.4
Mar. 10, 1952	10	-	N33.			Jan. 12, 1949	6.6	-
Nov. 1, 1954	13	-	Sept. 24, 1940	6	54.3	Dec. 13, 1949	10	67.0
June 1958	16	-	Sept. 13, 1944	11	-	May 6, 1952	6	69.2
June 1961	18	-	Oct. 24, 1944	14	-	June 4, 1953	4.8	-
May 22, 1962	-	53.7	Dec. 27, 1945	30	-	Feb. 9, 1954	8	67.8
N22.			Nov. 15, 1946	28	-	Aug. 18, 1954	4.6	-
Jan. 13, 1947	8.0	-	July 7, 1949	21	-	Sept. 3, 1954	7	69.8
July 6, 1949	12	-	Oct. 3, 1949	8	-	Sept. 15, 1955	5.8	-
June 26, 1952	6.6	-	N36.			Aug. 20, 1959	8	69.7
Mar. 24, 1960	8.4	-	Apr. 12, 1940	10	-	Nov. 6, 1961	2.4	-
Jan. 4, 1962	7.8	-	July 1, 1948	6.6	-	Feb. 1, 1962	5.6	-
July 27, 1962	-	55.3	May 16, 1950	8.0	52.0	May 20, 1962	-	69.8
N23.			July 7, 1954	8.4	-	N45.		
Dec. 14, 1937	8	-	May 16, 1950	8.0	52.0	Aug. 26, 1934	10	-
Feb. 24, 1938	9	-	Oct. 18, 1957	9.2	52.0	Feb. 7, 1935	3	-
Sept. 14, 1938	6	-	Jan. 4, 1962	9.2	-	Sept. 8, 1936	7	69.4
Apr. 12, 1940	9	-	July 25, 1962	-	52.4	Sept. 27, 1937	5	69.0
Sept. 24, 1940	6	-	N40.			Sept. 6, 1938	2	-
Sept. 24, 1940	6	-	Sept. 1, 1949	12	-	Sept. 1, 1939	6	69.2
Aug. 20, 1947	3	-	Sept. 27, 1940	10	-	Mar. 6, 1940	6	-
Feb. 3, 1949	6.2	-	July 26, 1949	6.6	-	Sept. 26, 1940	8	69.3
June 26, 1952	7.6	-	Sept. 2, 1941	6	-	Sept. 2, 1941	6	69.4
Sept. 23, 1957	8.8	-	Mar. 6, 1942	6	-	Mar. 6, 1942	6	69.1
Mar. 24, 1960	12	-	May 30, 1944	5	-	May 30, 1944	5	68.5
Jan. 4, 1962	8.4	-	Sept. 1, 1944	8	-	Sept. 1, 1944	8	69.3
N41.			Dec. 6, 1945	2	-	Dec. 6, 1945	2	68.0
Sept. 27, 1937	5	69.8	June 6, 1946	8	-	June 6, 1946	8	69.1
Aug. 3, 1938	6	70.7	Mar. 18, 1948	4	-	Mar. 18, 1948	4	67.5
June 29, 1939	6	71.4	June 16, 1948	-	-	June 16, 1948	-	70.0
Nov. 30, 1939	5	69.0	Jan. 12, 1949	6.4	-	Jan. 12, 1949	6.4	-
July 17, 1940	6	70.2	Sept. 21, 1949	8	-	Sept. 21, 1949	8	69.4
Dec. 7, 1945	2	69.7	Nov. 9, 1953	6.0	-	Nov. 9, 1953	6.0	-
Aug. 25, 1947	5	70.5	Sept. 3, 1954	8	69.2	Sept. 3, 1954	8	69.2
May 1, 1948	7	69.8	Aug. 20, 1959	-	-	Aug. 20, 1959	-	69.8
Dec. 7, 1945	2	69.4	May 17, 1960	9.8	-	May 17, 1960	9.8	-
Feb. 1, 1962	8.0	-	Mar. 22, 1961	7	-	Mar. 22, 1961	7	-
May 20, 1962	-	-	Feb. 1, 1962	8.0	-	Feb. 1, 1962	8.0	-
N42.			Sept. 21, 1949	-	-	May 20, 1962	-	69.4

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N46.								
May 19, 1938	3	65.1	Feb. 5, 1946	2	63.7	July 15, 1952	9.5	-
June 29, 1939	4	66.8	Aug. 22, 1947	5	63.4	Nov. 9, 1953	4.8	-
Apr. 15, 1941	3	66.3	Apr. 19, 1948	4.4	-	Feb. 23, 1954	5.2	-
May 30, 1944	4	66.6	Apr. 22, 1948	5	63.0	Jan. 6, 1958	6	-
Aug. 22, 1947	4	70.5	Oct. 21, 1948	-	63.1	Mar. 22, 1960	5.2	-
Dec. 16, 1947	1	65.3	Apr. 12, 1949	-	63.4	Oct. 24, 1961	5.6	-
June 14, 1949	8	67.6	Sept. 22, 1949	8	63.4	Mar. 20, 1962	5.6	-
May 24, 1954	2.4	-	Dec. 5, 1949	6	63.2	May 23, 1962	-	55.1
Feb. 9, 1955	2.8	66.6	Apr. 21, 1950	6	63.2			
June 9, 1955	3.2	-	May 17, 1950	4.8	63.2			
Mar. 14, 1957	4.2	-	July 18, 1950	5	63.3			
Aug. 12, 1959	4	68.0	Nov. 14, 1950	5	62.9			
Nov. 2, 1961	2.8	-	Feb. 21, 1951	5	63.2			
July 19, 1962	-	67.6	Aug. 29, 1951	4	63.6			
N50.								
May 13, 1932	4	-	Jan. 16, 1952	8	63.5			
Sept. 26, 1932	4	61.0	Oct. 21, 1953	8	63.6			
Mar. 26, 1940	3.2	-	Apr. 12, 1962	8	-			
May 20, 1942	6	59.4	Aug. 2, 1962	4.2	61.2			
Oct. 29, 1942	5	58.4						
Dec. 31, 1942	6	58.0						
Aug. 24, 1943	4.0	-						
Oct. 2, 1944	-	60.3						
Apr. 9, 1945	-	58.4						
Oct. 3, 1945	2	59.0						
Feb. 17, 1947	3.2	-						
May 22, 1947	-	59.3						
Aug. 25, 1947	5	60.4						
Apr. 22, 1948	5	58.2						
Oct. 21, 1948	-	59.5						
Apr. 12, 1949	-	59.1						
Sept. 27, 1949	4	59.0						
Dec. 5, 1949	-	57.4						
Apr. 21, 1950	3	58.5						
July 18, 1950	5	59.8						
Feb. 21, 1951	5	58.9						
Aug. 30, 1951	2	61.8						
Jan. 1, 1952	-	59.1						
Sept. 8, 1952	-	60.5						
Mar. 11, 1953	6	-						
Oct. 21, 1953	8	59.6						
Apr. 20, 1954	3.8	-						
Feb. 23, 1955	4.0	-						
Jan. 7, 1958	4.6	-						
Aug. 29, 1961	4.0	-						
May 10, 1962	5.0	59.1						
July 19, 1962	-	60.1						
N52.								
May 15, 1932	4	-						
Sept. 26, 1932	4	62.0						
Mar. 26, 1940	3.4	-						
May 20, 1942	5	56.1						
Oct. 29, 1942	5	55.5						
Dec. 31, 1942	6	55.7						
Aug. 28, 1943	4	-						
Oct. 2, 1944	-	55.9						
Apr. 9, 1945	-	56.0						
Oct. 2, 1945	5	55.9						
Oct. 17, 1946	-	56.4						
Feb. 19, 1947	3.4	-						
May 22, 1947	-	55.8						
Aug. 25, 1947	5	57.1						
Apr. 22, 1948	5	55.7						
Apr. 12, 1949	-	55.9						
Sept. 27, 1949	8	55.7						
Dec. 5, 1949	4	55.0						
Apr. 21, 1950	5	55.4						
July 18, 1950	5	56.3						
Nov. 14, 1950	5	55.8						
Feb. 21, 1951	5	55.9						
Aug. 30, 1951	6	56.7						
Jan. 15, 1952	3	58.1						
Sept. 8, 1952	5	60.4						
Mar. 11, 1953	6	-						
Oct. 21, 1953	6	55.9						
May 7, 1957	7	56.7						
Aug. 29, 1961	4.6	-						
Feb. 15, 1962	5	-						
May 10, 1962	7	56.0						
July 19, 1962	-	57.3						
N72.								
Oct. 29, 1942	4	56.0						
Apr. 9, 1945	6	54.2						
Oct. 3, 1945	2	56.0						
Apr. 22, 1948	4	56.1						
Sept. 27, 1949	8	55.8						
July 18, 1950	5	56.1						
Sept. 8, 1952	4	57.2						
Oct. 21, 1953	8	56.0						
Nov. 10, 1953	4	-						
Sept. 19, 1955	5.2	-						
July 9, 1958	8	56.0						
Feb. 15, 1962	5.2	-						
May 10, 1962	6	55.6						
July 19, 1962	-	55.9						
N75.								
Mar. 23, 1943	8.2	-						
Mar. 24, 1947	8.8	-						
May 8, 1952	11	-						
Apr. 12, 1955	14	-						
Sept. 8, 1959	15	-						
Mar. 19, 1962	15	-						
July 17, 1962	-	55.0						
N76.								
Oct. 29, 1942	4	-						
Apr. 9, 1945	6	-						
Oct. 3, 1945	2	-						
Apr. 22, 1948	4	-						
Sept. 27, 1949	8	-						
July 18, 1950	5	-						
Sept. 8, 1952	4	-						
Oct. 21, 1953	8	-						
Nov. 10, 1953	4	-						
Sept. 19, 1955	5.2	-						
July 9, 1958	8	56.0						
Feb. 15, 1962	5.2	-						
May 10, 1962	6	55.6						
July 19, 1962	-	55.9						
N80.								
July 15, 1952	9.5	-						
Nov. 9, 1953	4.8	-						
Feb. 23, 1954	5.2	-						
Jan. 6, 1958	6	-						
Mar. 22, 1960	5.2	-						
Oct. 24, 1961	5.6	-						
Mar. 20, 1962	5.6	-						
May 23, 1962	-	55.1						
N87.								
Dec. 30, 1937	5	-						
Jan. 18, 1938	3	-						
Jan. 6, 1939	3	61.7						
Apr. 12, 1940	4	-						
Apr. 15, 1941	6	-						
N91.								
July 21, 1943	27	-						
Sept. 26, 1955	38	-						
Nov. 12, 1957	54	-						
Aug. 26, 1959	55	-						
Oct. 11, 1961	44	-						
May 22, 1962	-	58.2						
N93.								
July 21, 1943	22	-						
May 8, 1952	13	-						
Apr. 14, 1953	22	-						
Feb. 9, 1955	12	-						
Mar. 21, 1955	24	-						
Oct. 23, 1957	19	-						
Aug. 26, 1959	18	-						
N94.								
July 27, 1943	9.6	-						
July 6, 1948	14	-						
Aug. 8, 1952	19	-						
Aug. 24, 1954	23	-						
Mar. 21, 1955	24	-						
Oct. 6, 1955	25	-						
July 11, 1956	25	-						
May 22, 1962	-	54.4						
N97.								
Feb. 26, 1935	5.1	-						
Dec. 15, 1942	5	-						
Jan. 15, 1952	4	-						
Aug. 4, 1954	5	-						
May 10, 1955	4.4	-						
Oct. 7, 1957	7.2	-						
May 1, 1959	5.2	-						
Mar. 10, 1960	4.6	-						
Dec. 11, 1961	4.4	-						
N101.								
Jan. 25, 1943	8.2	-						
July 24, 1952	6.2	-						
Oct. 28, 1957	8.2	-						
June 15, 1960	10	-						
Nov. 14, 1961	7.8	-						
May 28, 1962	-	54.3						
N104.								
Feb. 28, 1935	3.9	-						
Jan. 13, 1943	4.8	-						
Mar. 17, 1954	5.6	-						
Oct. 31, 1957	7.6	-						
Apr. 6, 1960	6.2	-						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)	Date of collection	Chloride (ppm)	Temper-ature (°F)
N111.								
Dec. 14, 1937	5	-	May 25, 1942	5.5	56.8	Dec. 20, 1937	5	-
Nov. 7, 1938	3.5	-	Oct. 29, 1942	4	55.4	Jan. 20, 1938	5	-
Jan. 4, 1939	5	55.5	Dec. 31, 1942	9	55.6	Feb. 17, 1938	5	55.2
June 20, 1939	-	54.9	Feb. 16, 1943	3.2	-	Mar. 23, 1938	5	-
Oct. 27, 1942	8	-	Aug. 25, 1943	4	-	Apr. 23, 1938	5	-
Aug. 21, 1947	7	-	Sept. 28, 1944	6	56.0	May 19, 1938	4	-
			Apr. 10, 1945	8	55.6	June 20, 1938	6	-
			Oct. 9, 1945	2	55.4	Aug. 31, 1938	6	-
			Oct. 17, 1946	-	55.8	Oct. 27, 1938	4	56.1
			May 5, 1947	3.2	-	Jan. 4, 1939	5	-
			May 22, 1947	-	55.6	Mar. 29, 1939	6	55.0
			Aug. 22, 1947	5	56.3	June 20, 1939	2	56.2
			Apr. 22, 1948	4	55.3	Sept. 26, 1939	5	56.1
			Oct. 21, 1948	-	55.8	Jan. 9, 1940	4	55.4
			Apr. 12, 1949	-	55.8	Apr. 11, 1940	5	55.7
			Sept. 22, 1949	6	55.8	Sept. 25, 1940	5	-
			Dec. 5, 1949	8	55.7	Apr. 14, 1941	7	-
			Apr. 21, 1950	5	55.6	Nov. 14, 1941	6	-
			July 18, 1950	5	55.6	Oct. 27, 1942	5	-
			Nov. 14, 1950	4	55.0	Nov. 10, 1944	8	-
			Feb. 21, 1951	4	-	Aug. 26, 1946	9	-
			Aug. 29, 1951	4	56.4	Aug. 21, 1947	6	-
			Jan. 16, 1952	2	53.2	Mar. 4, 1949	5	-
			Sept. 8, 1952	5	56.1	Mar. 7, 1950	6	-
			Mar. 12, 1953	6	-	Feb. 29, 1952	3.6	-
			Oct. 21, 1953	6	55.9			
			Mar. 1, 1954	3.4	-			
			May 8, 1957	5	56.2			
			Aug. 4, 1960	3.4	-			
			Feb. 20, 1962	2.8	-			
			May 11, 1962	6	57.3			
N115.								
Nov. 22, 1932	6	53.0						
Feb. 26, 1952	5	-						
Mar. 5, 1954	6.2	-						
July 11, 1955	6	-						
Aug. 3, 1960	7.2	-						
Feb. 21, 1962	-	52.6						
N123.								
Dec. 20, 1937	7	-						
Aug. 31, 1938	6	-						
Jan. 9, 1940	8	-						
Apr. 14, 1941	10	-						
Aug. 13, 1946	10	-						
Feb. 17, 1950	4	-						
Feb. 29, 1952	7.4	-						
N124.								
Oct. 27, 1938	8	54.6						
Jan. 4, 1939	8	53.6						
Mar. 29, 1939	9	53.4						
Apr. 6, 1940	10	53.4						
Sept. 25, 1940	9	55.1						
Apr. 14, 1941	10	53.6						
Nov. 14, 1941	16	-						
Oct. 27, 1942	10	-						
Nov. 10, 1944	12	-						
Sept. 17, 1946	10	-						
Feb. 17, 1950	15	-						
Mar. 3, 1952	10	-						
N128.								
Oct. 1932	10	-						
Feb. 10, 1933	11	-						
May 10, 1933	11	61.0						
June 13, 1933	10	-						
Aug. 8, 1933	10	-						
Oct. 1933	10	-						
Mar. 28, 1938	10	59.0						
Apr. 27, 1938	10	-						
Sept. 6, 1938	11	-						
Apr. 3, 1939	7	-						
Dec. 30, 1952	10	-						
Mar. 11, 1953	10	-						
June 7, 1956	7	62.9						
June 15, 1956	8	-						
Sept. 9, 1959	12	-						
May 5, 1960	8	-						
N129.								
Feb. 26, 1935	5.8	-						
Mar. 28, 1938	6	62.3						
Apr. 27, 1938	6	-						
May 20, 1938	6	-						
June 20, 1938	6	-						
Sept. 6, 1938	6	-						
Nov. 7, 1938	5	-						
June 29, 1939	7	-						
Oct. 6, 1939	6	-						
Aug. 25, 1947	7	-						
Dec. 30, 1952	7	-						
Apr. 29, 1953	8	-						
Nov. 10, 1953	4.7	62.5						
June 15, 1956	7.5	-						
Sept. 9, 1959	12	-						
May 5, 1960	6	-						
Oct. 19, 1960	6	-						
N134.								
May 25, 1942	5.5	56.8						
Oct. 29, 1942	4	55.4						
Dec. 31, 1942	9	55.6						
Feb. 16, 1943	3.2	-						
Aug. 25, 1943	4	-						
Sept. 28, 1944	6	56.0						
Apr. 10, 1945	8	55.6						
Oct. 9, 1945	2	55.4						
Oct. 17, 1946	-	55.8						
May 5, 1947	3.2	-						
May 22, 1947	-	55.6						
Aug. 22, 1947	5	56.3						
Apr. 22, 1948	4	55.3						
Oct. 21, 1948	-	55.8						
Apr. 12, 1949	-	55.8						
Sept. 22, 1949	6	55.8						
Dec. 5, 1949	8	55.7						
Apr. 21, 1950	5	55.6						
July 18, 1950	5	55.6						
Nov. 14, 1950	4	55.0						
Feb. 21, 1951	4	-						
Aug. 29, 1951	4	56.4						
Jan. 16, 1952	2	53.2						
Sept. 8, 1952	5	56.1						
Mar. 12, 1953	6	-						
Oct. 21, 1953	6	55.9						
Mar. 1, 1954	3.4	-						
May 8, 1957	5	56.2						
Aug. 4, 1960	3.4	-						
Feb. 20, 1962	2.8	-						
May 11, 1962	6	57.3						
N148.								
Apr. 16, 1931	5.8	-						
Sept. 21, 1933	7.8	-						
Aug. 21, 1950	12	-						
Jan. 8, 1952	13	-						
N150.								
Sept. 21, 1933	7.6	-						
Oct. 30, 1939	14	-						
Feb. 4, 1946	17	-						
Jan. 8, 1952	11	-						
Aug. 11, 1954	13	-						
N174.								
May 1, 1934	4.5	-						
Dec. 20, 1937	5	-						
Jan. 4, 1939	4	54.4						
Sept. 26, 1939	2	54.6						
Apr. 14, 1941	5	55.0						
Oct. 27, 1942	5	54.7						
Nov. 10, 1944	7	-						
N198.								
Nov. 23, 1932	4	-						
Apr. 12, 1950	3.8	-						
Sept. 11, 1952	3.9	-						
Mar. 16, 1954	3.4	-						
July 11, 1957	4.6	-						
May 9, 1960	2.4	-						
Aug. 15, 1960	3	52.0						
Dec. 5, 1961	3.4	-						
July 23, 1962	-	53.1						
N202.								
Nov. 22, 1932	5	53.0						
Mar. 23, 1938	4	-						
Jan. 9, 1940	4	52.3						
Apr. 14, 1941	6	53.0						
Nov. 10, 1944	10	-						
Mar. 4, 1949	5.8	-						
July 7, 1949	9	-						
Aug. 10, 1953	4.6	-						
N204.								
Dec. 20, 1937	5	-						
Jan. 20, 1938	5	-						
Feb. 17, 1938	5	55.2						
Mar. 23, 1938	5	-						
Apr. 23, 1938	5	-						
May 19, 1938	4	-						
June 20, 1938	6	-						
Aug. 31, 1938	6	-						
Oct. 27, 1938	4	-						
Nov. 4, 1939	5	-						
Dec. 23, 1939	5	-						
Jan. 20, 1940	4	-						
Feb. 17, 1940	5	-						
Mar. 24, 1940	4	-						
Apr. 21, 1940	5	-						
May 18, 1940	4	-						
June 21, 1940	5	-						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
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N656.

Nov. 17, 1938	25	55.7
July 24, 1939	20	57.7
Oct. 27, 1939	24	55.7
Jan. 5, 1940	28	54.9
Dec. 31, 1940	36	55.6
Jan. 7, 1943	70	-
July 1, 1948	18	-
Nov. 17, 1953	42	-
Feb. 16, 1956	38	-
May 23, 1956	38	-
June 20, 1956	33	-
July 5, 1956	80	-
Nov. 14, 1956	30	-
Feb. 7, 1957	34	-
Mar. 15, 1957	32	-
Apr. 8, 1957	34	-
Oct. 18, 1957	20	56.5

Date of collection	Chloride (ppm)	Temperature (°F)
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N662.

Apr. 11, 1939	70	-
Apr. 21, 1939	130	-
June 20, 1939	137	-
July 24, 1939	165	-
Sept. 1, 1939	146	-
Sept. 26, 1939	152	-
Oct. 27, 1939	141	-
Nov. 30, 1939	37	-
Jan. 5, 1940	17	-
Feb. 9, 1940	7	-
Mar. 6, 1940	6	-
May 9, 1940	120	-
June 17, 1940	170	-
Aug. 26, 1940	220	-
Sept. 24, 1940	206	-
Oct. 28, 1940	210	-
Dec. 31, 1940	32	-
Feb. 26, 1941	6	-
Apr. 10, 1941	18	-
May 15, 1941	92	-
June 17, 1941	130	-
July 11, 1941	210	-
Sept. 2, 1941	214	-
Oct. 3, 1941	148	-
Nov. 4, 1941	110	-
Dec. 2, 1941	34	-
Jan. 5, 1942	8	-
Mar. 6, 1942	37	-
Apr. 3, 1942	24	-
May 1, 1942	142	-
June 29, 1942	227	-
Jan. 7, 1943	6	-
Mar. 3, 1943	6	-
July 30, 1943	297	-
Aug. 19, 1944	264	-
Aug. 21, 1944	275	-
Mar. 26, 1945	322	-
Sept. 17, 1946	290	-
Aug. 21, 1947	286	-
Oct. 21, 1955	440	59.5
Feb. 16, 1956	350	55.0
Apr. 17, 1956	404	-
June 20, 1956	404	-
July 5, 1956	420	-
Sept. 14, 1956	341	60.5
Feb. 7, 1957	340	-
Mar. 15, 1957	360	-
Apr. 8, 1957	370	-
June 14, 1957	370	-
Oct. 22, 1957	243	55.0

Date of collection	Chloride (ppm)	Temperature (°F)
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N820.

Apr. 20, 1943	26	-
July 18, 1944	60	-
Oct. 3, 1944	30	-
Apr. 2, 1945	31	-
May 9, 1945	40	-
June 22, 1945	33	-

N821.

Apr. 20, 1943	15	-
July 18, 1944	9.6	-
May 9, 1945	11	-
June 22, 1945	13	-

N822.

Apr. 20, 1943	32	-
Oct. 3, 1944	49	-
Jan. 2, 1945	79	-
Apr. 2, 1945	36	-
May 9, 1945	39	-
June 22, 1945	38	-
Oct. 3, 1946	13	-

N823.

Apr. 20, 1943	140	-
Sept. 13, 1944	33	-
Oct. 10, 1944	220	-
May 9, 1945	93	-
June 22, 1945	86	-
Aug. 14, 1951	46	-

N824.

Mar. 9, 1943	4.4	-
Oct. 3, 1944	6	-
Oct. 19, 1944	7	-
Jan. 2, 1945	7	-
May 9, 1945	11	-
Oct. 3, 1949	10	-

N825.

Mar. 9, 1943	8	-
Oct. 26, 1943	6	-
July 18, 1944	8	-
Sept. 13, 1944	22	-
Sept. 24, 1944	24	-
Oct. 3, 1944	21	-
Oct. 10, 1944	23	-
Oct. 24, 1944	22	-
Oct. 30, 1944	21	-
Nov. 6, 1944	25	-
Nov. 13, 1944	25	-
Nov. 20, 1944	26	-
Nov. 28, 1944	28	-
Jan. 2, 1945	34	-
Apr. 2, 1945	38	-
May 9, 1945	43	-
June 22, 1945	43	-
July 7, 1949	52	-
Oct. 3, 1949	44	-
May 16, 1950	49	-
Aug. 10, 1953	55	-

Date of collection	Chloride (ppm)	Temperature (°F)
Nov. 17, 1938	850	54.0
Jan. 4, 1939	940	52.1
Apr. 11, 1939	1010	-
May 16, 1939	1150	-
June 20, 1939	1880	-
July 24, 1939	1900	-
Sept. 1, 1939	1650	-
Sept. 26, 1939	1950	-
Oct. 27, 1939	1900	-
Nov. 30, 1939	2200	-
Jan. 5, 1940	2140	-
Feb. 9, 1940	2100	-
Mar. 6, 1940	2250	-
Apr. 12, 1940	2200	-
May 9, 1940	2250	-

1940	8	-
1942	12	-
May 2, 1944	15	-
Mar. 4, 1945	21	-
Apr. 20, 1953	19	-
Jan. 18, 1954	21	-
May 18, 1954	19	-
Aug. 4, 1954	20	-
Dec. 27, 1954	19	-
Mar. 2, 1955	20	-
Sept. 15, 1959	20	-
Oct. 19, 1960	20	-
Feb. 27, 1962	21	-
May 22, 1962	-	58.6

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
Mar. 9, 1943	29	-
Apr. 20, 1943	18	-
July 18, 1944	27	-
Sept. 13, 1944	86	-
Sept. 24, 1944	86	-
Oct. 3, 1944	78	-
Oct. 10, 1944	100	-
Oct. 19, 1944	105	-
Oct. 24, 1944	87	-
Oct. 30, 1944	83	-
Nov. 6, 1944	93	-
Nov. 13, 1944	109	-
Nov. 20, 1944	112	-
Nov. 28, 1944	107	-
Jan. 2, 1945	93	-
May 9, 1945	150	-
June 22, 1945	153	-
Nov. 10, 1945	128	-
July 12, 1946	48	-
Oct. 8, 1947	90	-
July 15, 1948	170	-
July 7, 1949	196	-
Oct. 3, 1949	200	-

Date of collection	Chloride (ppm)	Temperature (°F)
Jan. 19, 1939	4	-
Mar. 29, 1939	5	-
Dec. 5, 1939	11	-
Apr. 11, 1940	5	-
Oct. 10, 1940	12	-
Oct. 27, 1942	10	-
Mar. 26, 1945	8	55.0
July 18, 1946	15	-
Jan. 17, 1949	4	-

Date of collection	Chloride (ppm)	Temperature (°F)
Mar. 14, 1939	5	49.1
Apr. 21, 1939	8	50.4
June 10, 1939	8	56.5
July 14, 1939	8	60.4
Aug. 1, 1939	8	61.9
Sept. 1, 1939	8	63.9
Oct. 1, 1939	9	63.8
Nov. 1, 1939	13	62.0
Dec. 1, 1939	11	58.2
Jan. 2, 1940	12	54.0
Jan. 31, 1940	13	50.3
Feb. 29, 1940	12	47.1
Apr. 1, 1940	13	46.6
May 1, 1940	17	48.8
May 31, 1940	24	53.0
July 1, 1940	15	52.8
Aug. 1, 1940	7	60.5
Sept. 3, 1940	8	63.0
Oct. 1, 1940	13	62.9
Oct. 31, 1940	6	60.5
Dec. 2, 1940	6	56.4
Jan. 2, 1941	10	54.0
June 30, 1941	15	58.4
July 31, 1941	16	61.4
Aug. 29, 1941	13	63.3
Sept. 30, 1941	10	61.9
Oct. 31, 1941	10	62.8
Dec. 1, 1941	10	58.8
Jan. 2, 1942	10	55.1
Jan. 30, 1942	9	51.3
Feb. 27, 1942	9	48.9
Mar. 31, 1942	8	49.3
July 31, 1942	6	52.2
Oct. 1, 1942	5	64.3
Nov. 27, 1942	7	59.4
Jan. 27, 1943	4	50.3
Mar. 31, 1943	4	48.6
Aug. 25, 1943	4.5	63.4
May 29, 1944	4	56.4
Sept. 4, 1944	5	62.4
Dec. 6, 1944	5	55.3
Mar. 1, 1945	6	47.6
May 30, 1945	6	56.0
Sept. 24, 1945	4	63.8
Mar. 21, 1946	2	49.4
June 6, 1946	2	55.4
Sept. 19, 1946	8	63.0
Dec. 18, 1946	9	56.1
May 21, 1947	7	53.8
Aug. 27, 1947	4	62.5
Dec. 16, 1947	4.5	55.2
Mar. 17, 1948	5	47.5
June 18, 1948	-	56.5

Date of collection	Chloride (ppm)	Temperature (°F)
Sept. 10, 1948	-	63.2
Jan. 10, 1949	4	52.4
Apr. 7, 1949	-	51.6
June 7, 1949	-	57.2
Sept. 22, 1949	-	63.7
Nov. 2, 1949	-	61.6
Dec. 1, 1949	8	58.5
Jan. 3, 1950	5	54.7
Jan. 27, 1950	6	53.2
Mar. 3, 1950	7	51.0
Apr. 4, 1950	6	50.9
June 16, 1950	6	57.8
Nov. 1, 1950	-	60.8
Feb. 23, 1951	4	49.4
May 6, 1951	5	55.6
July 31, 1951	3	61.8
Nov. 20, 1951	6	58.7
Mar. 5, 1952	8	50.4
May 3, 1952	4	54.4
Sept. 5, 1952	5	65.5
Jan. 12, 1953	8	53.4
Apr. 16, 1953	6	53.2
July 20, 1953	8	62.0
Oct. 3, 1953	6	65.6
Dec. 16, 1953	6	59.3
Feb. 3, 1954	6	53.5

Date of collection	Chloride (ppm)	Temperature (°F)
Mar. 3, 1950	5	51.6
Apr. 4, 1950	8	52.4
June 16, 1950	6	57.4
Nov. 1, 1950	-	56.6
Feb. 23, 1951	5	52.4
May 8, 1951	4	56.1
July 31, 1951	4	58.1
Nov. 20, 1951	4	55.7
Mar. 5, 1952	6	51.3
May 6, 1952	6	55.1
Sept. 5, 1952	5	59.7
Jan. 12, 1953	6	54.0
Apr. 16, 1953	4	54.8
July 20, 1953	8	59.6
Oct. 3, 1953	6	66.4
Dec. 16, 1953	6	59.3
Feb. 3, 1954	6	53.5

Date of collection	Chloride (ppm)	Temperature (°F)
June 10, 1939	6	-
July 14, 1939	6	-
Aug. 1, 1939	5	-
Sept. 2, 1939	6	-
May 31, 1940	9	-
Oct. 31, 1940	8	-
May 29, 1944	7	-
Sept. 4, 1944	6	-
Dec. 6, 1944	5	-
Mar. 6, 1952	6	-
Oct. 3, 1953	6	62.0
Dec. 16, 1953	10	-
Feb. 3, 1954	8	-

Date of collection	Chloride (ppm)	Temperature (°F)
Mar. 14, 1939	10	47.3
Apr. 21, 1939	10	48.2
June 10, 1939	10	55.2
July 14, 1939	10	60.4
Aug. 1, 1939	10	62.2
Sept. 2, 1939	12	65.0
Oct. 1, 1939	11	66.9
Nov. 1, 1939	10	62.6
Dec. 1, 1939	10	58.0
Jan. 31, 1940	11	53.1
Feb. 29, 1940	-	46.2
Apr. 1, 1940	11	45.8
May 1, 1940	12	47.5
May 31, 1940	12	51.6
July 1, 1940	7	55.8
Aug. 1, 1940	8	60.2
Sept. 3, 1940	11	62.8
Oct. 1, 1940	13	63.3
Oct. 31, 1940	12	61.0
Dec. 2, 1940	13	66.8
Jan. 2, 1941	16	52.6
Jan. 31, 1941	16	49.3
Mar. 3, 1941	12	46.6
Mar. 31, 1941	13	45.4
July 31, 1941	6	57.1
Aug. 29, 1941	5	56.8
Sept. 30, 1941	5	57.5
Oct. 31, 1941	5	56.6
Dec. 1, 1941	5	55.3
Jan. 2, 1942	4	54.1
Jan. 30, 1942	4	52.3
Mar. 3, 1942	4	52.0
July 31, 1942	6	57.1
Oct. 1, 1942	3	57.6
Nov. 27, 1942	5	55.9
Jan. 27, 1943	4	52.0
Mar. 31, 1943	4	50.6
Sept. 24, 1943	4	59.6
Mar. 21, 1946	2	52.8
June 8, 1946	2	55.5
Sept. 19, 1946	5	60.8
Dec. 6, 1946	5	54.4
May 1, 1947	6	51.6
May 30, 1947	6	55.9
Sept. 24, 1947	4	59.6
Mar. 21, 1947	2	53.8
June 18, 1947	-	56.5
Sept. 10, 1947	-	60.0
Jan. 6, 1949	-	53.0
Apr. 7, 1949	-	54.0
June 20, 1949	-	57.2
Sept. 22, 1949	-	57.7
Nov. 2, 1949	-	56.9
Dec. 1, 1949	4	55.8
Jan. 3, 1950	5	54.5
Jan. 27, 1950	6	54.0
Sept. 11, 1945	8	66.0
Dec. 7, 1945	4	56.1
Mar. 21, 1946	6	47.4
June 6, 1946	4	54.8
Sept. 19, 1946	10	64.2
Dec. 18, 1946	5	56.9
May 21, 1947	7	51.4
Aug. 27, 1947	-	64.0
Dec. 16, 1947	12	53.9
Mar. 17, 1948	7	46.3
June 18, 1948	-	56.1

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N1269.--Continued								
Sept. 9, 1948	-	66.2	Jan. 13, 1953	6	56.8	Apr. 4, 1950	10	46.6
Jan. 6, 1949	-	52.6	Apr. 16, 1953	6	54.8	June 16, 1950	13	54.6
Apr. 6, 1949	-	50.8	July 20, 1953	8	58.2	Nov. 2, 1950	10	60.7
June 15, 1949	-	57.9	Oct. 3, 1953	8	57.6	Feb. 20, 1951	23	45.9
Sept. 22, 1949	-	64.3	Nov. 9, 1953	6	56.5	May 28, 1951	20	51.9
Nov. 2, 1949	-	61.7	Dec. 16, 1953	14	56.6	July 31, 1951	11	62.7
Dec. 1, 1949	12	58.1	Feb. 3, 1954	8	54.0	Nov. 20, 1951	14	55.5
Jan. 3, 1950	8	53.8	Apr. 8, 1954	8	56.0	Mar. 5, 1952	10	44.1
Jan. 27, 1950	6	52.0	June 9, 1954	12	54.9	May 7, 1952	10	48.4
Mar. 3, 1950	6	47.6	Sept. 2, 1954	6	56.6	Sept. 5, 1952	7	66.7
Apr. 4, 1950	8	48.6	Dec. 15, 1954	5	55.5	Jan. 3, 1953	12	50.0
June 15, 1950	6	55.9	Apr. 7, 1955	-	54.2	July 20, 1953	8	59.8
Nov. 1, 1950	8	61.7	July 18, 1955	-	58.3	Oct. 5, 1953	4	66.4
Feb. 23, 1951	11	49.2	Oct. 12, 1955	-	61.4	Dec. 16, 1953	-	53.8
May 8, 1951	23	54.0	Oct. 10, 1956	4	58.2	Feb. 3, 1954	54	49.0
July 31, 1951	24	63.2	June 10, 1957	9	55.7	Apr. 8, 1954	12	47.4
Nov. 20, 1951	9	59.9	May 8, 1962	9	54.8	June 9, 1954	28	52.5
Mar. 5, 1952	14	49.4	N1270.--Continued					
May 7, 1952	30	52.2	Mar. 14, 1939	4	47.3	July 7, 1954	28	57.7
Sept. 5, 1952	18	66.2	Apr. 21, 1939	7	47.6	Sept. 2, 1954	2	67.8
Jan. 13, 1953	8	43.2	June 10, 1939	16	52.4	Dec. 15, 1954	5	52.3
Apr. 16, 1953	18	51.9	July 14, 1939	18	57.9	Apr. 7, 1955	-	45.5
July 20, 1953	20	62.5	Aug. 1, 1939	16	59.9	July 18, 1955	-	61.5
Oct. 3, 1953	36	65.8	Sept. 2, 1939	11	63.5	Apr. 3, 1956	7	43.8
Nov. 5, 1953	20	62.3	Oct. 1, 1939	11	64.5	Oct. 10, 1956	12	61.4
Dec. 16, 1953	20	57.8	Nov. 1, 1939	13	62.6	June 10, 1957	28	54.0
Feb. 3, 1954	16	52.3	Dec. 1, 1939	10	58.5	May 8, 1962	20	52.3
Apr. 8, 1954	16	51.7	Jan. 2, 1940	13	54.1	N1271.--Continued		
June 9, 1954	16	54.6	Jan. 31, 1940	18	49.8	Mar. 14, 1939	3	52.0
July 7, 1954	16	59.4	Feb. 29, 1940	17	47.0	Apr. 21, 1939	5	50.1
Sept. 2, 1954	6	64.2	Apr. 1, 1940	11	45.4	June 10, 1939	5	54.8
Dec. 15, 1954	6	54.5	May 1, 1940	5	46.7	July 15, 1939	5	57.0
Apr. 7, 1955	-	52.0	May 31, 1940	5	50.0	Aug. 1, 1939	5	58.1
July 18, 1955	-	60.3	July 1, 1940	3	54.4	Sept. 2, 1939	5	57.1
Oct. 12, 1955	-	67.0	Aug. 1, 1940	6	58.8	Oct. 1, 1939	4	57.4
Apr. 3, 1956	14	48.6	Sept. 3, 1940	10	62.7	Nov. 1, 1939	4	56.3
Oct. 10, 1956	12	63.5	Oct. 1, 1940	10	63.1	Dec. 1, 1939	2	54.7
June 10, 1957	16	57.5	Oct. 31, 1940	12	61.6	Jan. 2, 1940	6	51.9
Oct. 10, 1957	-	65.7	Dec. 2, 1940	10	57.5	Feb. 29, 1940	4	-
May 8, 1962	17	52.8	Jan. 2, 1941	8	53.5	May 1, 1940	5	50.7
N1270.								
Mar. 14, 1939	3	-	Jan. 31, 1941	11	49.6	May 31, 1940	5	-
Apr. 21, 1939	5	-	Mar. 3, 1941	6	46.7	July 1, 1940	4	-
June 10, 1939	5	-	Mar. 31, 1941	9	45.8	Aug. 1, 1940	4	-
July 14, 1939	6	-	May 5, 1941	11	48.4	Sept. 3, 1940	6	-
Feb. 27, 1942	5	54.1	June 3, 1941	8	52.3	Oct. 1, 1940	6	-
Mar. 31, 1942	7	54.1	June 30, 1941	7	56.0	Oct. 31, 1940	7	-
May 29, 1942	5	54.5	July 31, 1941	4	59.9	Feb. 27, 1942	4	54.0
Oct. 1, 1942	6	54.8	Aug. 29, 1941	9	63.1	Mar. 31, 1942	4	52.3
Nov. 27, 1942	7	51.1	Sept. 30, 1941	12	62.6	May 29, 1942	11	52.2
Jan. 27, 1943	6	54.6	Oct. 31, 1941	12	63.2	July 31, 1942	5	54.3
Mar. 31, 1943	4	53.9	Dec. 1, 1941	9	59.1	Oct. 1, 1942	5	57.4
May 29, 1943	5	53.8	Jan. 2, 1942	10	53.8	Nov. 27, 1942	4	57.7
Sept. 5, 1944	6	54.7	Jan. 30, 1942	13	50.5	Jan. 27, 1943	6	55.1
Dec. 16, 1944	11	54.6	Feb. 27, 1942	12	46.8	Mar. 31, 1943	9	52.2
Mar. 1, 1945	6	52.2	Mar. 31, 1942	10	46.6	Aug. 25, 1943	10	55.8
May 30, 1945	6	54.2	May 29, 1942	14	52.1	May 29, 1944	7	51.6
Sept. 11, 1945	5	58.0	July 31, 1942	8	61.6	Sept. 5, 1944	6	56.0
Dec. 7, 1945	2	55.0	Oct. 1, 1942	6	64.3	Dec. 6, 1944	5	56.1
Mar. 21, 1946	2	52.6	Nov. 27, 1942	10	59.2	Mar. 1, 1945	6	52.0
June 6, 1946	2	54.2	Jan. 27, 1943	10	49.7	May 30, 1945	6	52.1
Sept. 19, 1946	5	57.5	Mar. 31, 1943	11	46.2	Sept. 24, 1945	7	57.0
Dec. 18, 1946	5	55.6	Aug. 25, 1943	13	63.1	Dec. 7, 1945	4	56.4
May 21, 1947	10	52.1	May 29, 1944	5	51.5	Mar. 21, 1946	6	51.0
Aug. 27, 1947	5	55.3	Sept. 5, 1944	10	63.5	June 6, 1946	2	51.9
Dec. 16, 1947	12	53.0	Dec. 6, 1944	33	56.0	Sept. 19, 1946	5	57.3
Mar. 18, 1948	10	51.3	Mar. 1, 1945	6	44.5	Dec. 18, 1946	5	56.6
June 18, 1948	-	55.0	May 30, 1945	10	57.2	May 21, 1947	10	52.2
Sept. 9, 1948	-	57.0	Sept. 24, 1945	10	63.8	Aug. 27, 1947	-	55.3
Jan. 6, 1949	-	54.4	Dec. 7, 1945	4	56.4	Dec. 16, 1947	9.5	56.3
Apr. 6, 1949	-	54.8	Mar. 21, 1946	4	46.7	Mar. 17, 1948	10	51.0
June 20, 1949	-	55.6	June 6, 1946	2	53.0	June 18, 1948	-	52.5
Sept. 22, 1949	-	56.2	Sept. 19, 1946	20	62.8	Sept. 9, 1948	-	56.5
Nov. 2, 1949	-	56.5	Dec. 18, 1946	10	57.0	Jan. 6, 1949	-	54.4
Dec. 1, 1949	8	55.9	May 21, 1947	9	51.0	Apr. 4, 1949	-	52.6
Jan. 3, 1950	8	55.3	Aug. 27, 1947	-	63.1	June 15, 1949	-	53.3
Jan. 27, 1950	8	54.5	Dec. 16, 1947	6.5	55.5	Sept. 22, 1949	-	56.8
Mar. 3, 1950	6	49.6	Mar. 17, 1948	10	46.0	Nov. 2, 1949	-	57.6
Apr. 4, 1950	7	53.9	June 18, 1948	-	54.5	Dec. 1, 1949	12	57.4
June 16, 1950	7	55.6	Sept. 9, 1948	-	64.0	Jan. 3, 1950	13	56.2
Nov. 1, 1950	5	56.4	Jan. 6, 1949	-	51.6	Jan. 27, 1950	13	54.8
Feb. 23, 1951	6	53.3	Apr. 7, 1949	-	48.3	Mar. 3, 1950	13	52.2
May 8, 1951	5	55.3	June 15, 1949	16	55.2	Apr. 4, 1950	13	52.5
July 31, 1951	4	57.4	Sept. 22, 1949	-	64.3	June 16, 1950	13	54.0
Nov. 20, 1951	9	56.5	Nov. 2, 1949	-	62.8	Nov. 2, 1950	14	56.3
Mar. 5, 1952	6	54.5	Dec. 1, 1949	14	59.6	Feb. 20, 1951	13	52.0
May 7, 1952	4	54.7	Jan. 3, 1950	9	54.0	May 8, 1951	12	51.5
Sept. 5, 1952	5	56.8	Jan. 27, 1950	8	52.0	July 31, 1951	13	55.7
			Mar. 3, 1950	7	45.8	Nov. 20, 1951	9	57.3
						Mar. 5, 1952	20	50.8

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N1272.--Continued								
May 7, 1952	22	50.0	Sept. 1, 1954	12	60.6	Mar. 31, 1941	8	44.7
Sept. 5, 1952	34	57.8	Dec. 10, 1954	-	55.5	May 5, 1941	8	47.9
Jan. 13, 1953	36	55.8	Apr. 7, 1955	-	50.2	June 3, 1941	6	52.1
July 20, 1953	20	54.2	Oct. 12, 1955	-	63.0	June 30, 1941	8	56.2
Oct. 5, 1953	30	57.8	Apr. 3, 1956	17	48.6	July 31, 1941	8	60.2
Dec. 16, 1953	20	56.0	June 10, 1957	14	55.4	Aug. 29, 1941	5	62.6
Feb. 3, 1954	20	53.0	Oct. 16, 1957	-	60.3	Sept. 30, 1941	6	61.7
Apr. 8, 1954	16	51.9	May 7, 1962	20	54.2	Oct. 31, 1941	9	61.8
N1273.								
Nov. 1, 1939	23	59.2	Feb. 27, 1942	5	49.4	Dec. 1, 1941	8	57.3
Dec. 4, 1939	14	54.9	Mar. 31, 1942	6	50.5	Jan. 2, 1942	8	53.0
Jan. 2, 1940	16	51.5	May 29, 1942	5	53.0	Jan. 30, 1942	8	49.5
Jan. 31, 1940	14	48.1	Nov. 27, 1942	5	46.0	Feb. 27, 1942	6.5	50.1
Feb. 29, 1940	11	45.9	Jan. 27, 1943	4	50.4	Mar. 31, 1942	4	46.6
Apr. 1, 1940	12	45.7	Mar. 31, 1943	5	51.4	May 29, 1942	13	52.7
May 1, 1940	8	47.6	May 29, 1944	5	54.0	July 31, 1942	6	62.4
May 31, 1940	10	51.5	Sept. 4, 1944	5	56.2	Oct. 1, 1942	6	64.8
July 1, 1940	15	55.0	Dec. 6, 1944	4	52.0	Nov. 27, 1942	6	56.3
Aug. 1, 1940	14	58.1	Mar. 1, 1945	6	49.7	Jan. 27, 1943	4	47.3
Sept. 3, 1940	15	60.5	May 30, 1945	6	54.0	Mar. 31, 1943	5	44.9
Oct. 1, 1940	15	60.4	Sept. 11, 1945	-	58.8	May 30, 1944	5	51.0
Oct. 31, 1940	16	58.7	Dec. 7, 1945	2	52.6	Sept. 4, 1944	8	62.7
Dec. 2, 1940	14	55.0	Feb. 21, 1946	2	51.7	Dec. 6, 1944	6	54.1
Jan. 2, 1941	18	52.1	June 5, 1946	2	53.7	Mar. 1, 1945	6	42.4
Jan. 31, 1941	14	49.8	Sept. 19, 1946	10	57.4	May 30, 1945	6	52.8
Mar. 3, 1941	19	48.3	Dec. 18, 1946	5	52.9	Sept. 11, 1945	9	63.2
Mar. 31, 1941	26	47.8	May 20, 1947	5	54.4	Mar. 21, 1946	4	45.5
May 5, 1941	30	51.0	Aug. 26, 1947	5	55.9	June 5, 1946	4	52.8
June 3, 1941	35	53.3	Dec. 15, 1947	4	52.5	Sept. 19, 1946	7	62.4
June 30, 1941	15	55.7	Mar. 18, 1948	5	51.3	Dec. 19, 1946	6	54.8
July 31, 1941	18	58.4	June 18, 1948	-	55.0	May 20, 1947	4	50.5
Aug. 29, 1941	17	60.1	Sept. 13, 1948	-	57.7	Aug. 26, 1947	7	61.9
Sept. 30, 1941	20	59.2	Jan. 6, 1949	-	51.8	Dec. 15, 1947	11	54.5
Oct. 31, 1941	19	59.0	Apr. 6, 1949	-	52.7	Mar. 17, 1948	6	44.5
Dec. 1, 1941	17	55.5	June 15, 1949	10	55.8	June 18, 1948	-	53.3
Jan. 2, 1942	4	52.2	Sept. 27, 1949	-	56.8	Sept. 13, 1948	-	63.1
Jan. 30, 1942	16	49.2	Nov. 2, 1949	-	55.4	Jan. 6, 1949	-	50.5
Feb. 27, 1942	14	48.6	Dec. 5, 1949	6	54.0	Apr. 6, 1949	-	56.2
Mar. 31, 1942	18	47.6	Jan. 3, 1950	6	54.0	June 15, 1949	8	59.1
May 29, 1942	14	53.3	Jan. 27, 1950	8	52.7	Sept. 21, 1949	-	64.5
Oct. 1, 1942	12	61.6	Mar. 2, 1950	7	52.2	Nov. 2, 1949	-	62.6
Jan. 27, 1943	13	48.9	Apr. 4, 1950	7	53.2	Dec. 1, 1949	8	58.0
Mar. 31, 1943	16	48.4	June 16, 1950	6	55.6	Jan. 3, 1950	8	53.6
May 29, 1944	19	53.5	Nov. 2, 1950	5	56.2	Jan. 27, 1950	8	51.0
Sept. 4, 1944	22	60.6	Feb. 20, 1951	7	53.8	Mar. 3, 1950	5	46.8
Dec. 6, 1944	15	53.9	May 8, 1951	5	54.7	June 15, 1950	17	64.5
Mar. 1, 1945	12	46.1	July 31, 1951	4	56.9	Nov. 2, 1950	7	62.6
May 30, 1945	20	53.8	Nov. 25, 1951	3	53.9	Dec. 1, 1950	8	58.0
Sept. 11, 1945	20	61.0	Mar. 5, 1952	5	53.1	Jan. 3, 1950	8	53.6
Dec. 7, 1945	4	54.9	May 7, 1952	3	54.0	Jan. 27, 1950	8	51.0
Mar. 21, 1946	6	49.4	Sept. 5, 1952	6	55.3	Mar. 3, 1950	5	46.8
June 5, 1946	6	54.6	Jan. 13, 1953	8	52.5	April 4, 1950	8	47.5
Sept. 19, 1946	25	60.7	Apr. 16, 1953	6	52.5	June 16, 1950	17	56.4
Dec. 18, 1946	20	54.5	July 15, 1953	10	53.3	Nov. 2, 1950	7	61.4
May 20, 1947	10	52.3	Oct. 5, 1953	8	55.3	Feb. 20, 1951	33	47.5
Aug. 26, 1947	15	60.6	Dec. 15, 1953	12	54.2	May 8, 1951	11	51.7
Dec. 15, 1947	17	54.5	Feb. 2, 1954	8	54.0	July 31, 1951	13	62.7
Mar. 17, 1948	40	48.5	Apr. 7, 1954	6	54.5	Nov. 20, 1951	6	59.0
June 18, 1948	-	55.0	June 8, 1954	6	55.6	Mar. 5, 1952	6	46.0
Sept. 13, 1948	-	61.0	July 7, 1954	6	55.8	May 7, 1952	6	49.8
Jan. 6, 1949	-	51.7	Sept. 1, 1954	4	56.5	Sept. 5, 1952	6	66.0
Apr. 6, 1949	-	51.2	Dec. 10, 1954	4	54.0	Jan. 12, 1953	4	51.1
June 15, 1949	-	56.9	Apr. 7, 1955	-	53.2	April 15, 1953	8	49.5
Sept. 27, 1949	-	61.4	July 18, 1955	-	56.7	July 15, 1953	10	61.1
Nov. 2, 1949	-	60.4	Oct. 12, 1955	-	59.0	Oct. 5, 1953	8	66.0
Dec. 5, 1949	18	55.8	June 10, 1957	6	53.3	Dec. 15, 1953	18	56.9
Jan. 3, 1950	18	53.7	Oct. 10, 1957	-	56.0	Feb. 2, 1954	6	49.7
Jan. 27, 1950	15	51.5	May 7, 1962	6	56.0	April 7, 1954	6	49.3
Mar. 2, 1950	15	48.5	Nov. 1, 1959	6	62.0	June 8, 1954	10	54.9
Apr. 4, 1950	16	49.1	Dec. 1, 1959	5	57.4	July 6, 1954	8	59.5
June 16, 1950	15	55.3	Jan. 2, 1940	5	53.0	Sept. 1, 1954	6	66.2
Nov. 2, 1950	14	59.4	Jan. 31, 1940	4	48.9	Dec. 10, 1954	4	54.6
Feb. 20, 1951	20	50.0	Feb. 29, 1940	3.5	46.2	Sept. 1, 1954	4	67.2
May 8, 1951	64	53.2	April 1, 1940	2	45.1	Oct. 3, 1956	9	46.1
July 31, 1951	35	59.2	May 1, 1940	4	46.6	Oct. 15, 1956	11	63.2
Nov. 20, 1951	15	56.6	May 31, 1940	8	48.1	June 10, 1957	12	55.2
Mar. 5, 1952	50	50.6	July 1, 1940	7	54.8	Oct. 10, 1957	12	65.7
May 7, 1952	42	58.7	Aug. 1, 1940	13	58.9	May 7, 1962	26	51.0
Sept. 5, 1952	37	61.5	Sept. 3, 1940	6	62.5			
Jan. 13, 1953	20	51.1	Oct. 1, 1940	7	62.6			
Apr. 16, 1953	12	50.5	Oct. 1, 1940	7	62.6			
July 15, 1953	34	59.4	Oct. 1, 1940	7	62.6			
Oct. 5, 1953	18	61.4	Oct. 31, 1940	6	60.6			
Dec. 15, 1953	16	55.2	Dec. 2, 1940	8	56.3			
Feb. 2, 1954	16	50.5	Jan. 2, 1941	8	52.1			
Apr. 7, 1954	12	50.7	Jan. 31, 1941	8	48.6			
June 8, 1954	16	55.2	Mar. 3, 1941	7	46.0			
July 7, 1954	12	58.0						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N1276.--Continued								
May 30, 1945	760	52.3	July 15, 1953	8	54.4	Jan. 13, 1953	20	53.9
Sept. 19, 1946	770	56.4	Oct. 5, 1953	10	55.1	Apr. 15, 1953	14	50.5
Dec. 19, 1946	750	53.5	Dec. 15, 1953	12	53.4	July 15, 1953	24	60.3
May 21, 1947	740	51.9	Feb. 2, 1954	6	52.9	Oct. 5, 1953	20	64.9
Aug. 26, 1947	770	54.0	Apr. 7, 1954	8	53.3	Dec. 15, 1953	14	57.7
Dec. 15, 1947	730	54.0	June 8, 1954	6	54.3	Feb. 2, 1954	20	52.2
Mar. 17, 1948	900	50.0	July 6, 1954	8	56.6	Apr. 7, 1954	8	49.8
June 18, 1948	-	52.5	Sept. 1, 1954	4	54.5	June 8, 1954	20	55.3
Sept. 13, 1948	-	55.6	Dec. 10, 1954	-	54.2	July 6, 1954	26	58.9
Jan. 6, 1949	-	52.2	Apr. 7, 1955	-	52.2	Sept. 1, 1954	18	53.8
Apr. 6, 1949	-	50.8	July 18, 1955	-	56.6	Dec. 10, 1954	9	54.6
June 15, 1949	-	57.5	Apr. 3, 1956	7	52.7	Apr. 7, 1955	-	48.4
Sept. 21, 1949	-	54.6	Oct. 15, 1956	5	57.0	July 18, 1955	-	61.1
Nov. 2, 1949	-	55.1	June 10, 1957	7	54.2	Apr. 3, 1956	18	47.5
Dec. 1, 1949	800	56.2	Oct. 10, 1957	-	57.3	Oct. 15, 1956	18	61.6
Jan. 3, 1950	902	54.6	May 7, 1962	6	54.8	June 10, 1957	15	57.0
Jan. 27, 1950	730	54.3				Oct. 11, 1957	-	64.0
Mar. 3, 1950	650	51.4				May 7, 1962	14	51.5
Apr. 4, 1950	850	53.6						
June 16, 1950	570	54.4						
Nov. 2, 1950	1100	54.6						
Feb. 20, 1951	950	52.0						
May 8, 1951	610	52.0						
July 31, 1951	800	54.3						
Nov. 20, 1951	750	54.5						
Mar. 5, 1952	650	52.3						
May 7, 1952	700	51.7						
Sept. 5, 1952	650	55.3						
Jan. 12, 1953	800	54.5						
Apr. 15, 1953	600	52.8						
July 15, 1953	600	54.0						
Oct. 5, 1953	720	55.6						
Dec. 15, 1953	580	54.6						
Feb. 2, 1954	640	54.0						
Apr. 7, 1954	528	54.0						
June 8, 1954	620	54.1						
July 6, 1954	620	54.6						
Sept. 1, 1954	620	56.0						
Dec. 10, 1954	-	56.5						
Apr. 7, 1955	-	51.0						
Oct. 12, 1955	-	60.4						
Apr. 3, 1956	700	51.3						
Oct. 15, 1956	630	56.4						
June 10, 1957	596	53.2						
Oct. 10, 1957	-	58.1						
May 7, 1962	300	55.3						
N1278.--Continued								
Jan. 13, 1953	20	53.9						
Apr. 15, 1953	14	50.5						
July 15, 1953	24	60.3						
Oct. 5, 1953	20	64.9						
Dec. 15, 1953	14	57.7						
Feb. 2, 1954	20	52.2						
Apr. 7, 1954	8	49.8						
June 8, 1954	20	55.3						
July 6, 1954	26	58.9						
Sept. 1, 1954	18	53.8						
Dec. 10, 1954	9	54.6						
Apr. 7, 1955	-	48.4						
July 18, 1955	-	61.1						
Oct. 15, 1955	18	61.6						
June 10, 1957	15	57.0						
Oct. 11, 1957	-	64.0						
May 7, 1962	14	51.5						
N1279.--Continued								
Nov. 3, 1939	11	53.7						
Dec. 4, 1939	3	53.6						
Jan. 2, 1940	6	54.0						
Jan. 31, 1940	5	53.3						
Feb. 29, 1940	-	53.2						
Apr. 1, 1940	5	53.3						
May 1, 1940	4.5	53.4						
May 31, 1940	4	53.5						
July 1, 1940	4	53.8						
Aug. 1, 1940	4	54.4						
Sept. 3, 1940	6	54.8						
Oct. 1, 1940	4	54.2						
Oct. 31, 1940	4	53.9						
Dec. 2, 1940	4	53.6						
Jan. 2, 1941	5	53.6						
Jan. 31, 1941	11	53.3						
Mar. 3, 1941	6	53.2						
Mar. 31, 1941	5	53.2						
May 5, 1941	4.5	53.3						
June 3, 1941	4.5	53.6						
June 30, 1941	4.5	53.9						
July 31, 1941	6	54.2						
Aug. 29, 1941	6	54.2						
Sept. 30, 1941	10	54.2						
Oct. 31, 1941	15	54.2						
Dec. 1, 1941	5	53.8						
Jan. 30, 1942	9	53.3						
Feb. 27, 1942	17	53.3						
Mar. 31, 1942	21	53.3						
May 29, 1942	15	53.0						
July 31, 1942	5	60.7						
Oct. 1, 1942	5	64.2						
Nov. 27, 1942	11	59.1						
Jan. 27, 1943	19	50.6						
Mar. 31, 1943	19	47.2						
May 30, 1944	3	52.1						
Sept. 4, 1944	9	64.8						
Dec. 6, 1944	8	56.5						
Mar. 1, 1945	32	47.0						
May 30, 1945	5	52.8						
Sept. 11, 1945	9	63.5						
Dec. 7, 1945	2	56.4						
Mar. 21, 1946	4	47.1						
June 5, 1946	4	53.1						
Sept. 19, 1946	12	63.7						
Dec. 19, 1946	8	56.8						
May 21, 1947	7	51.5						
Aug. 27, 1947	11	63.3						
Dec. 15, 1947	10	56.0						
Mar. 17, 1948	12	46.5						
June 18, 1948	-	55.0						
Sept. 10, 1948	-	65.0						
Jan. 6, 1949	-	55.3						
Apr. 7, 1949	-	48.8						
June 20, 1949	-	56.8						
Sept. 22, 1949	-	64.8						
Nov. 2, 1949	-	62.9						
Dec. 1, 1949	16	59.2						
Jan. 3, 1950	13	55.0						
Jan. 27, 1950	15	52.7						
Mar. 2, 1950	11	49.1						
Apr. 4, 1950	8	48.9						
June 16, 1950	6	56.4						
Nov. 2, 1950	17	61.5						
Feb. 23, 1951	16	48.6						
May 8, 1951	25	52.0						
July 31, 1951	20	62.2						
Nov. 20, 1951	16	57.8						
Mar. 5, 1952	20	48.8						
May 7, 1952	26	50.5						
Sept. 5, 1952	25	64.9						
June 18, 1948	-	54.5						
Sept. 10, 1948	-	57.6						
Jan. 6, 1949	-	53.7						
Apr. 7, 1949	-	53.2						
June 20, 1949	-	54.2						
Aug. 27, 1947	5	55.1						
Dec. 15, 1947	6	55.5						
Mar. 27, 1948	12	55.5						
June 18, 1948	-	55.0						
Sept. 10, 1948	-	55.5						
Jan. 6, 1949	-	54.5						
Apr. 7, 1949	-	53.7						
June 20, 1949	-	54.2						
Sept. 22, 1949	-	55.4						
Nov. 2, 1949	-	55.0						
Dec. 1, 1949	4	56.7						
Jan. 3, 1950	6	54.2						
Jan. 27, 1950	7	54.2						
June 20, 1949	-	54.2						
Sept. 11, 1949	6	53.7						
Apr. 7, 1949	6	53.2						
June 16, 1950	5	52.2						
Nov. 2, 1950	17	55.4						
Feb. 23, 1951	16	55.0						
May 8, 1951	25	52.0						
July 31, 1951	20	62.2						
Nov. 20, 1951	16	57.8						
Mar. 5, 1952	20	48.8						
May 7, 1952	26	50.5						
Sept. 5, 1952	25	64.9						
June 18, 1948	-	54.5						
Sept. 10, 1948	-	57.6						
Jan. 6, 1949	-	53.7						
Apr. 7, 1949	-	53.2						
June 20, 1949	-	54.2						
Aug. 27, 1947	5	55.1						
Dec. 15, 1947	6	55.5						
Mar. 27, 1948	12	55.5						
June 18, 1948	-	55.0						
Sept. 10, 1948	-	55.5						
Jan. 6, 1949	-	54.5						
Apr. 7, 1949	-	53.7						
June 20, 1949	-	54.2						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N1279.--Continued								
May 7, 1952	5	53.9	Dec. 15, 1953	10	55.9	Oct. 12, 1955	-	58.0
Sept. 5, 1952	5	55.7	Feb. 2, 1954	12	54.8	Apr. 3, 1956	7	-
Jan. 13, 1953	6	53.2	Apr. 7, 1954	14	53.9	Oct. 11, 1957	-	56.5
Apr. 15, 1953	6	53.5	June 8, 1954	18	54.4	May 7, 1962	9	54.5
July 15, 1953	8	54.7	July 6, 1954	16	55.2			
Oct. 5, 1953	8	55.0	Sept. 1, 1954	14	56.1			
Dec. 15, 1953	12	54.2	Dec. 10, 1954	14	54.1			
Feb. 2, 1954	6	54.0	Oct. 12, 1955	-	59.2			
Apr. 7, 1954	6	54.0						
June 8, 1954	6	55.3						
July 6, 1954	6	55.8						
Sept. 1, 1954	4	55.3						
Dec. 10, 1954	4	55.0						
Apr. 7, 1955	-	51.8						
July 18, 1955	-	56.1						
Apr. 3, 1956	7	-						
Oct. 15, 1956	5	56.9						
June 11, 1957	5	54.7						
Oct. 11, 1957	-	58.9						
May 7, 1962	5	54.4						
N1280.--Continued								
Nov. 3, 1939	5	52.4	Nov. 3, 1939	5	52.4	Nov. 1, 1939	6700	-
Dec. 4, 1939	4	52.5	Dec. 31, 1940	6	52.1	Dec. 1, 1939	6410	57.5
Jan. 2, 1940	6	52.1	Jan. 31, 1940	4.5	52.0	Jan. 2, 1940	6510	56.2
Feb. 29, 1940	5	51.7	Feb. 29, 1940	5	51.7	Feb. 29, 1940	6800	53.5
Apr. 1, 1940	5	51.9	Apr. 1, 1940	5	51.9	Apr. 1, 1940	7200	56.5
May 1, 1940	5	51.9	May 1, 1940	4	51.9	May 1, 1940	7000	58.0
May 31, 1940	4	51.9	July 1, 1940	5	52.1	May 31, 1940	6750	52.1
July 1, 1940	6	50.9	Aug. 1, 1940	5	52.7	July 1, 1940	6850	50.4
Aug. 1, 1940	6	52.7	Sept. 1, 1940	6	52.7	Aug. 1, 1940	7690	55.7
Oct. 1, 1940	5	53.7	Oct. 1, 1940	7	52.2	Sept. 3, 1940	6750	56.0
Oct. 31, 1940	5	53.6	July 1, 1941	6	52.6	Oct. 1, 1940	6700	56.7
Dec. 2, 1940	6.5	53.5	Aug. 29, 1941	6	52.6	Oct. 31, 1940	6900	57.1
Jan. 2, 1941	9	53.3	Oct. 1, 1941	4.5	52.7	Dec. 2, 1940	6900	56.6
Jan. 31, 1941	9	52.6	Oct. 31, 1940	4	52.3	Jan. 2, 1941	7150	55.9
Mar. 3, 1941	8	51.7	Dec. 2, 1940	4	52.1	Jan. 31, 1941	6600	54.6
Mar. 31, 1941	7	51.2	Jan. 2, 1941	7	52.0	Mar. 3, 1941	7050	53.2
May 5, 1941	6	50.8	Jan. 31, 1941	7	51.9	Mar. 31, 1941	6900	52.2
June 3, 1941	4.5	50.8	Mar. 3, 1941	7	51.8	May 5, 1941	6600	52.1
June 30, 1941	9	51.2	Mar. 31, 1941	7	51.8	June 3, 1941	6700	52.8
July 31, 1941	6	52.2	May 5, 1941	6	51.9	June 30, 1941	6310	53.6
Aug. 29, 1941	6	52.7	June 3, 1941	6	52.1	July 31, 1941	6700	55.1
Oct. 31, 1941	6	54.3	June 30, 1941	7	52.2	Aug. 29, 1941	6550	56.2
Dec. 1, 1941	5	54.6	July 31, 1941	6	52.6	Sept. 30, 1941	6510	56.2
Jan. 30, 1942	6	54.0	Aug. 29, 1941	6	52.6	Oct. 31, 1941	6260	57.7
Feb. 27, 1942	15	49.7	Oct. 31, 1941	6	53.2	Dec. 1, 1941	6600	56.7
Mar. 31, 1942	4	50.1	Jan. 27, 1942	7	52.6	Jan. 2, 1942	6650	55.5
May 29, 1942	5	51.3	Jan. 30, 1942	6	52.3	Jan. 30, 1942	6850	54.6
Mar. 31, 1943	5	50.0	Feb. 27, 1942	6	51.5	Feb. 27, 1942	6750	54.9
May 30, 1944	8	51.3	Mar. 31, 1942	6	51.5	Mar. 31, 1942	6750	52.4
Sept. 4, 1944	8	53.8	May 30, 1944	6	52.1	May 29, 1942	6460	53.7
Dec. 6, 1944	13	54.1	Sept. 4, 1944	6	53.1	July 31, 1942	6210	55.4
Mar. 1, 1945	7	50.6	Dec. 6, 1944	17	53.0	Oct. 1, 1942	6360	57.3
May 30, 1945	9	52.1	Mar. 1, 1945	5	50.6	Dec. 27, 1942	6310	56.8
Sept. 11, 1945	7	54.3	May 30, 1945	5	52.3	Jan. 30, 1942	6850	54.6
Dec. 7, 1945	2	53.8	Sept. 11, 1945	5	53.7	Feb. 27, 1942	6750	54.9
Mar. 21, 1946	4	51.1	Oct. 7, 1945	2	52.8	Mar. 31, 1942	6750	52.4
June 5, 1946	2	51.4	Mar. 21, 1946	4	51.2	May 29, 1942	6460	53.7
Sept. 19, 1946	5	55.5	June 5, 1946	4	52.1	Sept. 4, 1944	6260	57.1
Dec. 19, 1946	4	54.3	Sept. 19, 1946	5	54.0	Sept. 11, 1945	6510	57.1
May 21, 1947	4	51.8	Oct. 19, 1946	5	52.4	Sept. 19, 1946	5770	57.7
Aug. 27, 1947	7	53.6	Jan. 27, 1947	5	53.7	Dec. 19, 1946	4180	55.7
Dec. 15, 1947	9	54.5	Dec. 7, 1945	2	52.8	May 20, 1947	5470	53.0
Mar. 17, 1948	5	51.8	Mar. 21, 1946	4	51.2	Dec. 15, 1947	6260	55.3
June 18, 1948	-	53.5	June 5, 1946	4	52.1	Mar. 17, 1948	5720	52.0
Sept. 10, 1948	-	54.8	Sept. 10, 1948	-	54.0	May 30, 1945	6260	53.6
Jan. 3, 1949	9	56.0	Jan. 6, 1949	5	52.9	Sept. 11, 1945	6510	57.1
Jan. 6, 1949	8	53.4	May 21, 1947	5	52.3	Sept. 19, 1946	5770	57.7
Apr. 7, 1949	6	52.4	Aug. 27, 1947	5	53.1	Dec. 19, 1946	4180	55.7
June 20, 1949	4	52.6	Dec. 15, 1947	8	53.0	May 20, 1947	5470	53.0
Sept. 27, 1949	-	56.0	Mar. 17, 1948	5	51.3	Dec. 15, 1947	6260	55.3
Nov. 2, 1949	-	56.3	June 18, 1948	-	53.5	Mar. 17, 1948	5720	52.0
Dec. 1, 1949	-	55.3	Sept. 10, 1948	-	54.8	Sept. 21, 1949	-	57.8
Jan. 3, 1950	12	55.0	Jan. 6, 1949	5	52.9	Nov. 2, 1949	-	57.4
Jan. 27, 1950	13	54.0	May 21, 1947	5	52.3	Dec. 1, 1949	6260	57.0
Mar. 2, 1950	11	51.8	Aug. 27, 1947	5	53.1	Jan. 3, 1950	7240	56.3
Apr. 4, 1950	10	52.6	Dec. 15, 1947	8	53.0	Jan. 27, 1950	6600	54.4
June 16, 1950	7	54.8	Mar. 17, 1948	5	51.3	Mar. 3, 1950	6550	52.1
Nov. 2, 1950	10	54.6	June 16, 1950	6	54.8	Apr. 4, 1950	6550	53.2
Feb. 23, 1951	11	51.2	Nov. 2, 1950	6	53.8	June 16, 1950	6600	54.7
May 8, 1951	11	52.7	Feb. 23, 1951	6	51.0	Nov. 2, 1950	5770	56.2
July 31, 1951	8	54.1	May 8, 1951	6	53.0	Feb. 20, 1951	6550	53.0
Nov. 20, 1951	6	55.2	July 31, 1951	3	53.7	May 8, 1951	6750	54.1
Mar. 5, 1952	8	52.5	Nov. 20, 1951	6	53.2	July 31, 1951	6460	55.8
May 7, 1952	8	52.4	Mar. 5, 1952	8	52.8	Nov. 20, 1951	6260	55.7
Sept. 5, 1952	6	57.1	May 7, 1952	-	52.8	Mar. 6, 1952	6550	52.2
Jan. 13, 1953	10	53.1	Sept. 5, 1952	6	54.2	May 7, 1952	6550	53.2
Apr. 15, 1953	12	53.5	Jan. 13, 1953	6	53.7	Sept. 5, 1952	8180	56.1
July 14, 1953	10	54.2	Apr. 15, 1953	8	53.5	Jan. 12, 1953	6160	54.3
Oct. 5, 1953	12	55.9	July 14, 1953	10	53.8	Apr. 16, 1953	8130	52.8
			Oct. 15, 1953	10	53.5	July 15, 1953	6260	56.2
			Feb. 2, 1954	6	52.8	Oct. 5, 1953	6160	57.0
			Apr. 7, 1954	6	53.7	Dec. 15, 1953	6750	55.7
			June 8, 1954	8	54.7	Feb. 2, 1954	6550	54.3
			July 6, 1954	8	54.2	Apr. 7, 1954	6750	53.2
			Sept. 1, 1954	6	54.8	June 9, 1954	6460	52.4
			Dec. 10, 1954	6	52.2	July 7, 1954	6550	54.9
			Apr. 7, 1955	-	52.7	Sept. 1, 1954	6650	56.6

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N1283								
Nov. 1, 1939	6450	54.9	Feb. 27, 1942	7	53.1	Oct. 1, 1942	24	57.4
Dec. 1, 1939	6700	54.7	Mar. 31, 1942	8	53.3	Nov. 27, 1942	22	55.6
Jan. 2, 1940	6550	54.6	May 29, 1942	7	54.5	Jan. 27, 1943	25	50.0
Jan. 31, 1940	6600	54.7	July 31, 1942	5	54.6	Mar. 31, 1943	20	47.4
Feb. 29, 1940	6750	54.6	Oct. 1, 1942	6	54.8	May 29, 1944	21	50.1
Apr. 1, 1940	6950	54.4	Nov. 27, 1942	8	54.0	Sept. 4, 1944	21	56.2
May 1, 1940	6900	54.6	Jan. 27, 1943	13	52.6	Dec. 6, 1944	23	53.8
May 31, 1940	6460	54.6	Mar. 31, 1943	9	52.9	Mar. 1, 1945	22	47.8
July 1, 1940	6750	52.5	May 31, 1944	5	54.6	May 30, 1945	22	52.5
Aug. 1, 1940	6750	56.4	Sept. 4, 1944	7	55.6	Dec. 7, 1945	6	54.4
Sept. 3, 1940	6550	56.0	Dec. 6, 1944	11	53.9	Mar. 21, 1946	4	47.9
Oct. 1, 1940	6700	55.2	Mar. 1, 1945	8	52.9	June 5, 1946	4	50.6
Oct. 31, 1940	6800	54.8	May 30, 1945	5	54.1	Sept. 19, 1946	15	57.2
Dec. 2, 1940	6700	54.4	Sept. 11, 1945	6	54.9	Dec. 19, 1946	15	54.3
Jan. 2, 1941	6700	54.3	Mar. 21, 1946	2	53.6	May 20, 1947	5	50.1
Jan. 31, 1941	6510	54.0	June 5, 1946	2	54.1	Aug. 26, 1947	17	56.5
Mar. 3, 1941	6510	53.9	Sept. 19, 1946	5	55.9	Dec. 15, 1947	8	54.0
Mar. 31, 1941	6360	54.1	Dec. 19, 1946	3	53.4	Mar. 17, 1948	13	47.5
May 5, 1941	6550	54.5	May 20, 1947	5	54.3	June 18, 1948	-	58.3
June 3, 1941	6460	55.2	Aug. 26, 1947	6	58.7	Sept. 13, 1948	-	58.5
June 30, 1941	6310	55.6	Dec. 15, 1947	7	53.5	Jan. 6, 1949	19	52.8
July 31, 1941	6550	55.6	Mar. 17, 1948	9	53.5	Dec. 5, 1949	24	57.0
Aug. 29, 1941	6410	55.4	June 18, 1948	-	54.5	Jan. 3, 1950	37	55.1
Sept. 30, 1941	6260	55.1	Sept. 10, 1948	-	54.7	Jan. 27, 1950	27	53.0
Oct. 31, 1941	6460	55.5	Jan. 6, 1949	4	53.8	Mar. 3, 1950	24	48.5
Dec. 1, 1941	6110	54.8	Apr. 7, 1949	4	53.8	Apr. 4, 1950	24	50.5
Jan. 2, 1942	6700	54.0	June 20, 1949	-	54.2	June 16, 1950	25	54.5
Jan. 30, 1942	6700	53.1	Sept. 21, 1949	-	54.8	Nov. 2, 1950	18	59.7
Feb. 27, 1942	6600	52.8	Nov. 2, 1949	-	54.6	Feb. 20, 1951	22	50.5
Mar. 31, 1942	6410	53.5	Dec. 1, 1949	-	55.0	May 8, 1951	16	52.2
May 29, 1942	6260	55.2	Jan. 3, 1950	5	54.2	July 31, 1951	16	58.1
July 31, 1942	6110	55.6	Jan. 27, 1950	7	53.2	Nov. 20, 1951	16	59.9
Oct. 1, 1942	6310	55.8	Mar. 3, 1950	6	52.6	Mar. 6, 1952	24	-
Nov. 27, 1942	6210	54.6	Apr. 4, 1950	5	53.9	May 7, 1952	20	51.2
Jan. 27, 1943	6310	51.8	June 16, 1950	5	54.6	Sept. 5, 1952	18	61.2
Mar. 31, 1943	6360	52.8	Nov. 2, 1950	6	54.5	Jan. 13, 1953	22	54.4
May 31, 1944	6550	55.1	Feb. 20, 1951	6	54.0	Apr. 15, 1953	24	53.0
Sept. 4, 1944	6410	56.9	May 8, 1951	6	54.4	July 15, 1953	22	58.4
Dec. 6, 1944	6260	53.6	July 31, 1951	5	54.6	Oct. 5, 1953	22	61.7
Mar. 1, 1945	6260	52.5	Nov. 20, 1951	3	53.8	Dec. 15, 1953	-	58.1
May 30, 1945	5910	54.7	Mar. 6, 1952	4	53.3	Feb. 2, 1954	14	54.8
Sept. 11, 1945	6460	56.8	May 7, 1952	5	54.1	Apr. 7, 1954	20	51.9
Sept. 19, 1946	5070	58.6	Sept. 5, 1952	4	54.5	June 8, 1954	20	54.8
Dec. 19, 1946	5270	53.6	Jan. 12, 1953	6	53.6	July 6, 1954	22	57.8
May 20, 1947	4970	54.6	Apr. 16, 1953	4	53.5	Sept. 1, 1954	20	61.5
Dec. 15, 1947	6160	53.5	July 15, 1953	6	55.1	Dec. 10, 1954	22	55.1
Mar. 17, 1948	6360	53.0	Oct. 5, 1953	8	55.4	Apr. 7, 1955	-	50.7
June 18, 1948	-	55.5	Dec. 15, 1953	8	53.3	Oct. 12, 1955	-	64.3
Sept. 10, 1948	-	56.2	Feb. 2, 1954	8	53.1	Apr. 3, 1956	-	50.1
Dec. 6, 1948	-	52.2	Apr. 7, 1954	8	52.9			
Jan. 6, 1949	6180	-	June 9, 1954	8	53.0			
Apr. 7, 1949	6600	54.0	July 7, 1954	8	55.6			
June 20, 1949	-	55.3	Sept. 1, 1954	4	54.7			
Sept. 21, 1949	-	55.8						
Nov. 2, 1949	-	55.0						
Dec. 1, 1949	6650	54.8						
Jan. 3, 1950	8030	54.4						
Jan. 27, 1950	7000	53.7						
Mar. 3, 1950	6850	52.4						
Apr. 4, 1950	7140	54.2						
June 16, 1950	6900	55.4						
Nov. 2, 1950	7050	54.8						
Feb. 20, 1951	6850	53.8						
May 8, 1951	6700	55.0						
July 31, 1951	6460	56.1						
Nov. 20, 1951	6750	53.9						
Mar. 6, 1952	6550	52.8						
May 7, 1952	6460	54.4						
Sept. 5, 1952	8910	55.6						
Jan. 12, 1953	6950	53.6						
Apr. 16, 1953	9210	54.0						
July 15, 1953	6850	56.1						
Oct. 5, 1953	6260	55.5						
Dec. 15, 1953	6750	54.4						
Fe. 2, 1954	6750	53.8						
Apr. 7, 1954	6550	54.5						
June 9, 1954	6460	53.8						
July 7, 1954	6360	56.1						
Sept. 1, 1954	7050	55.8						
N1285								
Nov. 1, 1939	24	57.9						
Dec. 1, 1939	16	56.4						
Jan. 2, 1940	18	53.6						
Jan. 31, 1940	19	51.4						
Feb. 29, 1940	17	49.3						
Apr. 1, 1940	18	47.7						
May 1, 1940	23	47.5						
May 31, 1940	20	48.5						
June 1, 1940	20	50.6						
Aug. 1, 1940	18	53.4						
Sept. 3, 1940	20	55.4						
Oct. 1, 1940	20	56.2						
Oct. 31, 1940	22	56.2						
Dec. 31, 1940	18	54.7						
Jan. 2, 1941	19	52.6						
Jan. 31, 1941	19	52.6						
Mar. 3, 1941	23	50.7						
Mar. 31, 1941	23	48.8						
May 5, 1941	19	47.5						
June 3, 1941	23	49.3						
June 30, 1941	17	51.3						
July 31, 1941	17	53.4						
Aug. 29, 1941	17	55.4						
Sept. 30, 1941	18	55.1						
Oct. 31, 1941	18	56.9						
Dec. 1, 1941	18	55.6						
Jan. 2, 1942	20	53.5						
Jan. 30, 1942	20	51.4						
Mar. 31, 1942	26	48.1						
May 29, 1942	26	50.3						
July 31, 1942	26	54.9						
N1286								
Nov. 1, 1939	5	53.2						
Dec. 1, 1939	5	53.1						
Jan. 2, 1940	7	53.1						
Jan. 31, 1940	5	53.1						
Feb. 28, 1940	5	52.9						
Apr. 1, 1940	5	52.6						
May 1, 1940	6	52.1						
May 31, 1940	6	52.1						
July 1, 1940	6	52.2						
Aug. 1, 1940	7	52.6						
Sept. 3, 1940	5.5	52.9						
Oct. 1, 1940	6	52.7						
Oct. 31, 1940	6	52.6						
Dec. 2, 1940	5.5	52.6						
Jan. 2, 1941	8	52.6						
Jan. 31, 1941	8	52.5						
Mar. 3, 1941	8	52.3						
Mar. 31, 1941	8	52.1						
May 5, 1941	6	51.8						
June 3, 1941	5	52.1						
June 30, 1941	6	52.1						
July 31, 1941	6	52.4						
Aug. 29, 1941	6	52.4						
Sept. 30, 1941	6	52.0						
Oct. 31, 1941	6	53.6						
Dec. 1, 1941	9	52.6						
Jan. 2, 1942	8	52.3						
Jan. 30, 1942	6	52.1						
Feb. 27, 1942	8	51.9						
Mar. 31, 1942	9	51.6						
May 29, 1942	11	52.5						
July 31, 1942	15	52.6						
Oct. 1, 1942	12	53.2						
Oct. 27, 1942	12	53.0						
Mar. 31, 1943	15	51.2						
Mar. 31, 1943	15	51.1						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N1286--Continued								
May 29, 1944	9	52.4	Apr. 15, 1953	6	53.5	Sept. 5, 1952	24	61.4
Sept. 4, 1944	7	53.8	July 15, 1953	6	55.4	Jan. 13, 1953	24	55.3
Dec. 6, 1944	19	52.4	Oct. 5, 1953	8	56.1	Apr. 16, 1953	22	51.5
Mar. 1, 1945	13	51.2	Dec. 15, 1953	8	54.3	July 20, 1953	18	59.8
May 30, 1945	10	52.4	Feb. 2, 1954	6	53.1	Oct. 7, 1953	24	62.2
Sept. 24, 1945	6	54.0	Apr. 7, 1954	6	53.4	Dec. 16, 1953	22	58.6
Dec. 7, 1945	4	52.6	June 8, 1954	8	54.6	Feb. 3, 1954	22	53.3
Mar. 21, 1946	4	50.5	July 6, 1954	8	55.6	Apr. 8, 1954	20	51.9
June 5, 1946	6	52.3	Sept. 1, 1954	4	58.2	June 9, 1954	30	53.0
Sept. 19, 1946	5	54.8	Dec. 10, 1954	4	54.5	July 7, 1954	32	57.6
Dec. 19, 1946	3	52.6	Apr. 3, 1956	8	52.9	Sept. 2, 1954	30	62.1
May 20, 1947	5	52.1	Oct. 10, 1956	-	62.0			
Aug. 26, 1947	7	54.3	June 10, 1957	6	55.6			
Dec. 15, 1947	9	52.5						
Mar. 17, 1948	6	50.8						
June 18, 1948	-	52.5						
Sept. 13, 1948	-	55.3						
Jan. 6, 1949	8	52.4						
Dec. 5, 1949	10	53.7						
Jan. 3, 1950	7	53.6						
Jan. 27, 1950	9	53.4						
Mar. 3, 1950	8	50.8						
Apr. 4, 1950	8	53.3						
June 16, 1950	6	54.5						
Nov. 2, 1950	7	55.6						
Feb. 20, 1951	8	52.0						
May 3, 1951	10	54.2						
July 31, 1951	3	56.0						
Nov. 20, 1951	4	55.1						
Mar. 6, 1952	3	-						
May 7, 1952	8	53.9						
Sept. 5, 1952	7	56.5						
Jan. 13, 1953	8	54.4						
Apr. 15, 1953	6	54.0						
July 15, 1953	8	56.1						
Oct. 5, 1953	8	56.3						
Dec. 15, 1953	10	55.3						
Feb. 2, 1954	6	54.5						
Apr. 7, 1954	8	54.5						
June 8, 1954	8	55.2						
July 6, 1954	6	56.2						
Sept. 1, 1954	6	56.8						
Oct. 12, 1955	-	59.2						
Apr. 3, 1956	8	54.8						
N1287								
Feb. 27, 1942	5	51.2						
Mar. 31, 1942	5	51.1						
May 29, 1942	6	52.7						
July 31, 1942	5	53.4						
Oct. 1, 1942	5	54.0						
Nov. 21, 1942	5	52.9						
Jan. 27, 1943	5	50.8						
Mar. 31, 1943	4	51.0						
May 29, 1944	4	52.5						
Sept. 4, 1944	5	53.8						
Dec. 6, 1944	5	52.7						
Mar. 1, 1945	8	51.2						
May 30, 1945	7	52.7						
Sept. 24, 1945	8	54.6						
Dec. 7, 1945	2	52.6						
Mar. 21, 1946	2	51.4						
June 5, 1946	2	52.5						
Sept. 19, 1946	5	54.6						
Dec. 19, 1946	5	52.4						
May 20, 1947	5	52.5						
Aug. 26, 1947	5	54.0						
Dec. 15, 1947	6	52.5						
Mar. 18, 1948	10	50.8						
June 18, 1948	-	53.0						
Sept. 13, 1948	-	56.2						
Jan. 6, 1949	5	52.2						
Dec. 5, 1949	-	53.4						
Jan. 3, 1950	6	53.2						
Jan. 27, 1950	7	52.5						
Apr. 4, 1950	5	50.3						
June 16, 1950	5	54.6						
Nov. 2, 1950	6	57.0						
Feb. 20, 1951	5	52.0						
May 8, 1951	7	53.6						
July 31, 1951	2	56.4						
Nov. 20, 1951	3	54.3						
Mar. 6, 1952	6	-						
May 7, 1952	4	53.3						
Jan. 13, 1953	6	52.9						
N1287--Continued								
Apr. 15, 1953	6	53.5						
July 15, 1953	6	55.4						
Oct. 5, 1953	8	56.1						
Dec. 15, 1953	8	54.3						
Feb. 2, 1954	6	53.1						
Apr. 7, 1954	6	53.4						
June 8, 1954	8	54.6						
July 6, 1954	8	55.6						
Sept. 1, 1954	4	58.2						
Dec. 10, 1954	4	54.5						
Apr. 3, 1956	8	52.9						
Oct. 10, 1956	-	62.0						
June 10, 1957	6	55.6						
N1288--Continued								
Nov. 1, 1939	13	6						
Dec. 1, 1939	5	5						
Jan. 2, 1940	5	5						
Jan. 1, 1940	5	5						
Feb. 29, 1940	7	5						
July 1, 1940	5	5						
Feb. 27, 1942	5	5						
Mar. 31, 1942	6	5						
Mar. 29, 1942	6	5						
July 31, 1942	6	5						
Oct. 1, 1942	5	5						
May 21, 1942	5	5						
June 16, 1942	2	5						
Sept. 19, 1946	5	5						
Dec. 18, 1946	5	5						
May 21, 1947	5	5						
Dec. 16, 1947	9	5						
Mar. 21, 1948	5	5						
June 16, 1948	-	5						
Sept. 10, 1948	19	5						
Dec. 1, 1948	19	5						
Jan. 3, 1950	7	5						
Jan. 27, 1950	7	5						
Mar. 2, 1950	6	5						
Apr. 4, 1950	7	5						
June 16, 1950	6	5						
Nov. 1, 1950	3	5						
Feb. 20, 1951	6	5						
May 8, 1951	5	5						
July 31, 1951	3	5						
Nov. 20, 1951	3	5						
Mar. 5, 1952	5	5						
May 7, 1952	4	5						
Sept. 5, 1952	4	5						
Dec. 11, 1953	-	5						
Feb. 3, 1954	2	5						
Apr. 8, 1954	8	5						
June 9, 1954	8	5						
July 7, 1954	6	5						
N1289								
Nov. 1, 1939	6	56.4						
Dec. 1, 1939	5	55.1						
Jan. 2, 1940	5	52.6						
Jan. 1, 1940	5	-						
Feb. 29, 1940	7	-						
July 1, 1940	5	-						
Feb. 27, 1942	5	52.3						
Mar. 31, 1942	6	46.6						
May 29, 1942	6	52.8						
July 31, 1942	6	54.3						
Oct. 1, 1942	5	57.1						
Nov. 27, 1942	6	55.6						
Jan. 27, 1943	5	51.9						
Mar. 21, 1943	5	51.2						
June 16, 1946	2	53.0						
Sept. 19, 1946	5	57.7						
Dec. 18, 1946	5	54.9						
May 21, 1947	5	52.9						
Dec. 16, 1947	9	54.5						
Mar. 21, 1948	5	50.0						
June 16, 1948	-	54.5						
Sept. 10, 1948	19	55.7						
Dec. 1, 1948	19	54.5						
Jan. 3, 1950	7	55.8						
Jan. 27, 1950	7	55.1						
Mar. 2, 1950	6	52.6						
Apr. 4, 1950	7	52.5						
June 16, 1950	6	54.2						
Nov. 1, 1950	3	57.4						
Feb. 20, 1951	6	52.5						
May 8, 1951	5	53.2						
July 31, 1951	3	55.7						
Nov. 20, 1951	3	56.8						
Mar. 5, 1952	5	53.6						
May 7, 1952	4	53.4						
Sept. 5, 1952	4	57.3						
Dec. 11, 1953	-	57.0						
Feb. 3, 1954	2	54.0						
Apr. 8, 1954	8	54.6						
June 9, 1954	8	53.4						
July 7, 1954	6	57.0						

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
<u>N1290.</u>								
May 29, 1942	6	53.6	June 5, 1941	9	-	May 11, 1945	15	-
July 31, 1942	6	54.7	Mar. 24, 1945	4	-	July 7, 1949	15	-
Oct. 1, 1942	5	55.2	July 7, 1949	9	-	Sept. 14, 1956	15	56.7
Nov. 27, 1942	5	53.6	Sept. 14, 1956	10	53.7	Apr. 30, 1957	14	52.2
Jan. 27, 1943	4	51.3	Sept. 24, 1957	5.6	-	July 17, 1958	11	-
Mar. 31, 1943	4	51.0	June 23, 1958	6.5	-	Sept. 1, 1959	16	-
May 29, 1944	5	53.9	Sept. 1, 1959	11	-	Mar. 9, 1960	16	-
Sept. 5, 1944	7	55.6	Mar. 9, 1960	8	-	Mar. 31, 1960	15	-
Dec. 6, 1944	7	53.7	May 25, 1961	6	-	May 25, 1961	15	-
Mar. 1, 1945	7	50.2	May 31, 1962	-	54.2	Dec. 12, 1961	14	-
May 30, 1945	6	53.4				May 31, 1962	-	52.2
Sept. 11, 1945	6	55.8						
Mar. 21, 1946	2	51.8						
June 5, 1946	2	53.2						
Sept. 19, 1946	5	57.0						
Dec. 18, 1946	8	54.0						
May 21, 1947	8	53.1						
Aug. 26, 1947	4	55.0						
Dec. 15, 1947	8.5	53.3						
Mar. 17, 1948	4	51.8						
June 18, 1948	4	54.5						
Sept. 10, 1948	-	57.1						
Jan. 6, 1949	3	52.7						
Apr. 6, 1949	4	52.1						
June 15, 1949	8	54.5						
Sept. 27, 1949	-	55.9						
Nov. 2, 1949	-	55.8						
Dec. 1, 1949	8	54.9						
Jan. 3, 1950	7	54.2						
Jan. 27, 1950	8	53.3						
Mar. 2, 1950	6	51.8						
Apr. 4, 1950	7	52.6						
June 16, 1950	5	54.7						
Nov. 1, 1950	4	54.9						
Feb. 20, 1951	5	51.5						
May 8, 1951	6	53.6						
July 31, 1951	3	55.5						
Nov. 20, 1951	5	54.9						
Mar. 5, 1952	5	52.7						
May 7, 1952	4	53.6						
Sept. 5, 1952	5	58.5						
Jan. 13, 1953	8	53.7						
Apr. 16, 1953	8	53.5						
July 20, 1953	8	56.4						
Oct. 7, 1953	8	57.0						
Feb. 3, 1954	6	52.7						
Apr. 8, 1954	6	53.7						
June 9, 1954	6	53.2						
July 7, 1954	6	56.4						
Sept. 2, 1954	4	56.5						
<u>N1328.</u>								
July 1, 1948	3.4	-						
May 16, 1950	4	58.7						
July 10, 1952	5.2	58.7						
Oct. 3, 1957	5	-						
Oct. 6, 1959	4	-						
Dec. 19, 1961	3.8	-						
May 29, 1962	-	59.1						
<u>N1483.</u>								
Jan. 25, 1946	55	-						
Mar. 8, 1946	60	-						
July 7, 1955	2,100	-						
Apr. 2, 1956	5,470	-						
Dec. 20, 1956	5,170	-						
<u>N1484.</u>								
Jan. 25, 1946	115	-						
Mar. 8, 1946	145	-						
July 7, 1955	88	56.1						
Apr. 2, 1956	104	56.0						
Oct. 3, 1956	90	-						
Dec. 20, 1956	100	-						
<u>N1696.</u>								
Oct. 28, 1952	6.4	-						
Oct. 1, 1953	6.9	60.0						
Sept. 15, 1955	5.9	60.0						
Sept. 20, 1956	6.4	60.0						
Aug. 22, 1958	6.8	58.0						
July 6, 1959	6.6	58.0						
Feb. 2, 1960	5.8	58.0						
<u>N1716.</u>								
June 23, 1938	6	53.1						
Mar. 29, 1939	6	52.7						
Jan. 5, 1940	6	52.5						
May 6, 1941	6	53.0						
Oct. 27, 1942	9	-						
Mar. 26, 1945	10	56.5						
July 1, 1948	4.8	-						
Aug. 29, 1951	6	55.0						
<u>N1877.</u>								
Dec. 14, 1937	6	-						
June 23, 1938	6	53.1						
Mar. 29, 1939	6	52.7						
Jan. 5, 1940	6	52.5						
May 6, 1941	6	53.0						
Oct. 27, 1942	9	-						
Mar. 26, 1945	10	56.5						
July 1, 1948	4.8	-						
Aug. 29, 1951	6	55.0						
<u>N1926.</u>								
Aug. 22, 1948	6.4	-						
Aug. 7, 1953	5.8	-						
Oct. 18, 1957	13	55.0						
<u>N1927.</u>								
Sept. 2, 1943	8.4	-						
Oct. 17, 1944	2.4	-						
Apr. 9, 1945	6	69.0						
Dec. 6, 1945	2	68.8						
Sept. 17, 1946	8	69.1						
May 20, 1947	5	68.5						
Mar. 18, 1948	3	68.0						
Dec. 13, 1949	4	67.0						
Mar. 22, 1950	4	68.6						
June 1, 1951	2	69.4						
May 6, 1952	4	68.7						
July 14, 1953	8	69.1						
Aug. 16, 1954	3.4	-						
Sept. 21, 1955	3.8	-						
Mar. 29, 1960	2	-						
<u>N1958.</u>								
Dec. 3, 1947	10	-						
Jan. 10, 1949	4.2	-						
Mar. 10, 1952	4.2	-						
Sept. 16, 1953	4	-						
Apr. 15, 1954	4	-						
Oct. 23, 1961	3.8	-						
Feb. 27, 1962	5	-						
May 22, 1962	-	59.8						
<u>N2002.</u>								
Sept. 4, 1946	10	-						
Apr. 16, 1948	4.8	-						
July 7, 1949	10	-						
May 16, 1950	5	56.7						
Oct. 29, 1956	6	-						
<u>N2028.</u>								
Apr. 1, 1947	4.4	-						
July 10, 1952	6.3	-						
Feb. 14, 1955	6.2	-						
May 1, 1956	7.8	-						
Oct. 3, 1957	7.4	-						
Apr. 7, 1960	7.4	-						
Dec. 12, 1961	6.4	-						
May 29, 1962	-	51.9						
<u>N2030.</u>								
May 11, 1945	15	-						
July 7, 1949	15	-						
Sept. 14, 1956	15	56.7						
Apr. 30, 1957	14	-						
July 17, 1958	11	-						
Sept. 1, 1959	16	-						
Mar. 9, 1960	16	-						
Mar. 31, 1960	15	-						
May 25, 1961	15	-						
Dec. 12, 1961	14	-						
May 31, 1962	-	52.2						
<u>N2052.</u>								
July 28, 1947	4.2	-						
July 6, 1949	10	-						
Sept. 24, 1957	7.4	-						
Jan. 10, 1958	11	-						
Mar. 9, 1960	7.5	-						
June 17, 1960	7	-						
May 25, 1961	8	-						
<u>N2239.</u>								
Mar. 19, 1947	22	-						
June 24, 1952	29	-						
Mar. 31, 1953	11	-						
Jan. 20, 1954	29	-						
Mar. 21, 1955	12	-						
Dec. 24, 1957	25	-						
Oct. 21, 1959	21	-						
Oct. 18, 1961	23	-						
Mar. 19, 1962	21	-						
July 17, 1962	-	54.4						
<u>N2402.</u>								
Dec. 3, 1947	19	-						
July 8, 1948	16	-						
Apr. 26, 1949	20	-						
July 27, 1949	17	-						
Nov. 2, 1949	21	-						
Jan. 21, 1952	12	1/						
Mar. 30, 1953	13	-						
Mar. 10, 1954	13							

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N2747.								
Sept. 29, 1954	11	-	Feb. 17, 1949	4	-	July 3, 1950	16	-
Sept. 19, 1957	12	-	Aug. 17, 1949	4.5	-	Jan. 8, 1952	16	-
Jan. 13, 1959	3.5	-	Jan. 21, 1952	8	-	Sept. 28, 1953	16	-
Apr. 20, 1959	3.5	-	Feb. 28, 1952	3.7	-	June 2, 1954	18	-
Feb. 11, 1960	15	-	Mar. 27, 1952	3.9	-	Aug. 1, 1957	19	-
Apr. 13, 1960	13	-	Apr. 7, 1952	3.5	-	Feb. 16, 1960	19	-
Feb. 29, 1961	10	-	Apr. 7, 1953	3	-	Aug. 31, 1960	26	-
Jan. 10, 1962	14	-	Feb. 18, 1954	3.6	-	Jan. 25, 1962	18	-
May 22, 1962	-	53.5	Apr. 21, 1955	3.6	-	Feb. 21, 1962	20	54.0
			May 10, 1960	7.2	-	July 20, 1962	-	54.4
			Nov. 16, 1961	7.6	-			
N2790.								
Nov. 17, 1950	11	-	N3194.					
Feb. 23, 1951	11	56.8	Feb. 17, 1949	4	-	July 3, 1950	16	-
Apr. 27, 1951	10	57.2	Aug. 17, 1949	4.5	-	Jan. 8, 1952	16	-
May 31, 1951	-	56.8	Jan. 21, 1952	8	-	Sept. 28, 1953	16	-
June 1, 1951	8	58.4	Feb. 28, 1952	3.7	-	June 2, 1954	18	-
June 27, 1951	8	57.7	Mar. 27, 1952	3.9	-	Aug. 1, 1957	19	-
Aug. 2, 1951	7	-	Apr. 7, 1952	3.5	-	Feb. 16, 1960	19	-
Aug. 3, 1951	7	58.2	Apr. 7, 1953	3	-	Aug. 31, 1960	26	-
Sept. 27, 1951	7	57.6	Feb. 18, 1954	3.6	-	Jan. 25, 1962	18	-
Oct. 30, 1951	-	56.6	Apr. 21, 1955	3.6	-	Feb. 21, 1962	20	54.0
Oct. 31, 1951	6	57.4	May 10, 1960	7.2	-	July 20, 1962	-	54.4
Nov. 27, 1951	7	55.6	Nov. 16, 1961	7.6	-			
Nov. 19, 1952	6	-	N3312.					
Feb. 19, 1953	8	-	Jan. 21, 1952	4	-	May 16, 1952	18	-
Mar. 12, 1953	6	-	Apr. 7, 1953	4.2	-	Nov. 4, 1953	16	-
Apr. 16, 1953	6	-	Feb. 18, 1954	5.4	-	June 21, 1954	13	-
June 15, 1953	10	-	Apr. 21, 1955	5.2	-	Nov. 15, 1955	17	-
Sept. 9, 1953	6	-	Mar. 8, 1956	5.4	-	June 26, 1957	20	-
Dec. 8, 1953	6	55.4	Nov. 18, 1957	6.8	-	July 1, 1959	19	-
Feb. 5, 1954	8	-	Jan. 25, 1960	7	-	Aug. 13, 1959	16	-
Apr. 12, 1954	6	-	Jan. 16, 1961	7.8	-	July 17, 1962	-	53.3
May 12, 1954	4	-	Feb. 21, 1962	8	52.2			
June 10, 1954	4	54.0	July 17, 1962	-	52.5			
June 24, 1954	12	55.5	N3313.					
July 19, 1954	5	58.9	Jan. 21, 1952	16	-	July 17, 1952	5.1	-
Aug. 6, 1954	8	-	Mar. 31, 1953	13	-	Feb. 20, 1956	6.8	-
Aug. 26, 1954	7	58.0	Mar. 10, 1954	14	-	May 22, 1956	4.2	-
Sept. 28, 1954	12	-	Dec. 5, 1955	15	-	Sept. 26, 1957	9.2	-
Feb. 7, 1955	-	55.2	Aug. 29, 1959	13	-	Feb. 11, 1959	10	-
Mar. 3, 1955	-	54.8	May 10, 1960	14	-	Oct. 14, 1959	7.5	-
May 4, 1956	5	-	Oct. 9, 1961	17	-	Feb. 25, 1960	8.6	-
June 13, 1956	4	-	Jan. 15, 1962	18	-	May 4, 1961	9.5	-
July 10, 1956	5	-	N3327.					
Mar. 22, 1957	4	-	Jan. 18, 1952	3	-	Jan. 8, 1962	11	-
Apr. 18, 1957	5	-	Apr. 28, 1953	3.8	-	May 29, 1962	-	53.0
Sept. 20, 1957	6	-	May 2, 1954	3.8	-			
Nov. 19, 1957	6	-	Dec. 7, 1955	5.2	-			
July 30, 1958	6	-	Aug. 2, 1958	7.0	-			
Apr. 1959	6	-	Aug. 25, 1960	4.8	-			
Nov. 9, 1959	6	-	Nov. 10, 1961	5.2	-			
Mar. 1, 1960	6	-	Mar. 1, 1962	4.8	-			
June 16, 1960	3	59.0	N3456.					
Sept. 26, 1961	4	-	Mar. 13, 1952	6.4	-	Nov. 20, 1951	6	68.8
Apr. 11, 1962	4.5	-	Apr. 24, 1952	6.2	-	Feb. 26, 1952	4.4	-
Aug. 1, 1962	-	59.2	Mar. 23, 1953	7	-	Sept. 11, 1952	6	69.5
N3185.			Mar. 17, 1954	7.6	-	Mar. 14, 1953	10	-
Jan. 15, 1952	8	-	Nov. 5, 1957	14	-	July 14, 1953	6	69.6
July 31, 1952	14	-	Apr. 2, 1958	13	-	Mar. 24, 1954	4.6	-
Sept. 7, 1954	11	-	May 9, 1960	13	-	Sept. 3, 1954	8	69.7
Jan. 11, 1955	11	-	Mar. 1, 1961	17	-	Sept. 25, 1958	6	-
Oct. 7, 1957	15	-	Oct. 26, 1961	16	-	Aug. 20, 1959	8	69.8
May 1, 1959	12	-	July 17, 1962	-	54.4	Mar. 1, 1960	4.8	-
Mar. 10, 1960	15	-	N3457.					
May 8, 1961	17	-	Mar. 13, 1952	4.8	-	Apr. 5, 1960	4.8	-
Jan. 3, 1962	21	-	Mar. 23, 1953	4	-	June 1, 1960	6	69.7
N3193.			Mar. 17, 1954	4.2	-	Nov. 6, 1961	3.6	-
July 28, 1949	5	-	Nov. 6, 1957	5.4	-	Feb. 1, 1962	5.4	-
Mar. 1, 1953	9.2	-	Apr. 2, 1958	5	-	Feb. 20, 1962	-	69.6
Mar. 10, 1954	8.8	-	Mar. 9, 1960	5.2	-			
Nov. 4, 1957	12	-	Nov. 2, 1961	5.4	-			
Apr. 10, 1958	11	-	N3465.					
Apr. 24, 1952	3.6	-	Mar. 13, 1952	4.8	-	Jan. 9, 1952	8.4	-
Mar. 26, 1953	4.6	-	Mar. 23, 1953	4	-	Mar. 26, 1952	9.3	-
Mar. 17, 1954	5.8	-	Mar. 17, 1954	4.2	-	Mar. 31, 1953	11	-
Nov. 6, 1957	7.2	-	Nov. 6, 1957	5.4	-	Jan. 27, 1954	12	-
Apr. 2, 1958	8.4	-	Apr. 2, 1958	5	-	Sept. 12, 1955	11	-
Mar. 9, 1960	6.8	-	Mar. 9, 1960	5.2	-	Dec. 24, 1957	13	-
Oct. 17, 1961	8	-	Oct. 17, 1961	8	-	Oct. 21, 1959	14	-
July 17, 1962	-	53.8	N3470.					
Mar. 2, 1951	12	-	Jan. 17, 1952	-	54.2	Jan. 2, 1951	12	-
Mar. 31, 1951	13.8	-	N3708.					
May 5, 1951	14	-	Mar. 26, 1951	10.6	-	Mar. 31, 1951	90	-
May 26, 1951	106	-	June 30, 1951	90	-	July 30, 1951	20	-
July 22, 1955	450	55.6	Nov. 9, 1953	124	57.8	July 22, 1955	450	55.6

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
Mar. 2, 1951	6	-
Mar. 31, 1951	36	-
May 5, 1951	158	-
May 26, 1951	366	-
June 30, 1951	480	-
July 30, 1951	515	-
Nov. 9, 1953	4,200	59.8
July 25, 1955	3,850	58.3

N3710.		
Mar. 31, 1951	14	-
May 5, 1951	60	-
May 26, 1951	70	-
June 30, 1951	44	-
July 30, 1951	102	-
Nov. 9, 1953	24	61.5
July 9, 1955	-	59.1

N3711.		
Mar. 31, 1951	7	-
May 5, 1951	14	-
May 26, 1951	14	-
June 30, 1951	10	-
July 30, 1951	10	-
Nov. 9, 1953	12	58.3
July 19, 1955	6	62.0

N3861.		
Oct. 10, 1952	15,300	60.0
May 13, 1953	15,200	-
May 18, 1953	16,700	-
June 15, 1953	15,700	-
Aug. 12, 1953	16,200	56.8
Dec. 7, 1953	15,300	56.9
Feb. 5, 1954	15,700	59.2
May 13, 1954	15,800	-
July 9, 1954	15,700	-
Oct. 27, 1954	16,600	-
Dec. 16, 1954	16,600	-
Mar. 7, 1955	15,700	-
May 19, 1955	15,900	-
Aug. 5, 1955	15,700	-
Jan. 4, 1956	15,500	-
July 5, 1956	15,600	-
Feb. 18, 1957	16,100	-
Apr. 16, 1957	15,900	-
Sept. 17, 1957	15,800	-
May 21, 1958	15,500	-
Apr. 9, 1959	14,700	-
Aug. 6, 1959	15,500	60.0
Feb. 29, 1960	15,500	-
July 20, 1960	15,500	-

Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors.

N3862.		
Apr. 19, 1952	1,900	-
Oct. 31, 1952	1,920	57.0
Nov. 24, 1952	1,800	-
Apr. 14, 1953	2,150	-
June 15, 1953	2,200	-
Aug. 12, 1953	2,300	-
Oct. 23, 1953	2,200	-
Dec. 18, 1953	2,100	-
Jan. 21, 1954	2,200	-
Feb. 5, 1954	2,100	56.5
Mar. 5, 1954	1,920	-
June 8, 1954	2,100	-
Oct. 27, 1954	2,080	-
Apr. 19, 1955	1,920	-
June 14, 1955	1,920	-
Aug. 4, 1955	1,960	-
Jan. 5, 1956	1,920	-
Mar. 20, 1956	2,000	-
June 12, 1956	1,960	-
Sept. 18, 1957	1,920	-
Nov. 15, 1957	2,040	-
Aug. 7, 1958	2,240	-
Apr. 1959	2,080	-
Nov. 4, 1959	1,950	-
Mar. 2, 1960	1,960	-
July 25, 1960	1,900	-
Jan. 3, 1961	1,950	-
Apr. 10, 1962	2,100	-

Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors.

Date of collection	Chloride (ppm)	Temperature (°F)
May 2, 1952	4	-
Oct. 24, 1952	3	59.0
Feb. 18, 1953	6	-
Apr. 11, 1953	8	-
May 15, 1953	6	-
July 1953	5	-
Sept. 8, 1953	8	-
Oct. 20, 1953	5	-
Dec. 15, 1953	4	-
Jan. 19, 1954	6	-
Apr. 6, 1954	5	-
May 12, 1954	5	-
July 9, 1954	6	-
Oct. 25, 1954	4	-
Dec. 15, 1954	2	-
Mar. 3, 1955	3	-
May 17, 1955	3	-
Sept. 7, 1955	5	-
Oct. 3, 1955	2	-
Dec. 29, 1955	5	-
Mar. 20, 1956	4	-
June 7, 1956	3	-
Feb. 14, 1957	5	-
Apr. 12, 1957	5	-
Nov. 8, 1957	5	-
May 26, 1958	4	-
Aug. 4, 1958	6	-
Mar. 17, 1959	6	-

Date of collection	Chloride (ppm)	Temperature (°F)
Sept. 17, 1952	4	-
Dec. 11, 1952	3.5	-
Mar. 12, 1953	6	-
June 15, 1953	8	-
Aug. 18, 1953	5	-
Sept. 14, 1953	8	-
Nov. 16, 1953	5	-
Jan. 19, 1954	4	-
May 12, 1954	6	-
July 10, 1954	6	-
Dec. 15, 1954	5	-
May 19, 1955	4	-
Sept. 8, 1955	5	-
Dec. 30, 1955	3	-
Apr. 30, 1956	5	-
Feb. 15, 1957	5	-
Apr. 15, 1957	4	-
May 19, 1958	8	-
Aug. 6, 1958	8	-
Apr. 1959	6	-
July 21, 1960	5	-

Date of collection	Chloride (ppm)	Temperature (°F)
July 31, 1952	7	56.5
Feb. 19, 1953	12	-
June 15, 1953	6	-
Aug. 12, 1953	3	-
Oct. 22, 1953	5	-
Dec. 7, 1953	4	56.0
Feb. 5, 1954	4	56.3
Apr. 7, 1954	8	-
July 20, 1954	6	57.9
Mar. 7, 1955	2	-
Aug. 5, 1955	4	-
Nov. 21, 1955	5	-
Feb. 17, 1956	3	-
July 5, 1956	5	-
Mar. 18, 1957	7	-
Sept. 17, 1957	5	-
May 21, 1958	4	-
Aug. 17, 1959	4.5	58.4
Mar. 9, 1960	4.4	-
July 20, 1960	4	-

Date of collection	Chloride (ppm)	Temperature (°F)
Apr. 1, 1953	13	-
July 7, 1954	4.6	-
Jan. 14, 1958	5.4	-
Aug. 24, 1960	3.6	-
Jan. 29, 1962	4.4	-
July 18, 1962	-	55.9

Date of collection	Chloride (ppm)	Temperature (°F)
Oct. 20, 1952	2	58.5
Nov. 18, 1952	3	-
Feb. 18, 1953	8	-
May 16, 1953	8	-
June 19, 1953	6	-
July 16, 1953	5	-
Aug. 20, 1953	5	-
Oct. 7, 1953	4.2	-
Nov. 18, 1953	6	-
Dec. 18, 1953	4	-
Mar. 22, 1954	6	-
Apr. 8, 1954	4	-
May 14, 1954	8	-
June 5, 1954	4	-
July 8, 1954	4	-
Aug. 10, 1954	6	-
Oct. 23, 1954	3	-
Dec. 20, 1954	5	-
Mar. 4, 1955	3	-
June 15, 1955	4	-
Sept. 9, 1955	4	-
Oct. 11, 1955	6	-
Dec. 28, 1955	6	-
Apr. 5, 1956	5	-
June 13, 1956	5	-
Feb. 21, 1957	5	-
Sept. 20, 1957	7	-
Nov. 19, 1957	7	-
May 27, 1958	6	-
Apr. 9, 1959	6	-
Nov. 6, 1959	6	-
July 11, 1960	5	-

Date of collection	Chloride (ppm)	Temperature (°F)
Oct. 22, 1953	5	-
Dec. 17, 1953	4	-
Mar. 5, 1954	5	-
Apr. 8, 1954	4	-
May 14, 1954	3	-
June 8, 1954	5	-
July 8, 1954	6	-
Aug. 19, 1954	-	55.8
Sept. 10, 1954	3	-
Apr. 20, 1955	4	-
May 20, 1955	3	-
Apr. 9, 1959	8	-
July 11, 1960	5	56.0
Sept. 22, 1961	6	-
Apr. 6, 1962	5	-

Date of collection	Chloride (ppm)	Temperature (°F)
Oct. 14, 1952	3.5	53.0
Nov. 20, 1952	3	57.0
May 15, 1953	6	-
July 1953	5	-
Sept. 9, 1953	3.2	-
Oct. 21, 1953	5	-
Dec. 16, 1953	5	-
Jan. 22, 1954	6	-
Apr. 8, 1954	3	-
May 14, 1954	3	-
July 20, 1954	5	-
Oct. 26, 1954	5	57.6
Mar. 4, 1955	4	-
Aug. 2, 1955	5	-
Oct. 11, 1955	7	-
Nov. 23, 1955	5	-
Jan. 5, 1956	3	-
Apr. 5, 1956	3	-
June 12, 1956	3	-
Mar. 21, 1957	5	-
Apr. 19, 1957	4	-
May 1959	4	-

Date of collection	Chloride (ppm)	Temperature (°F)
Oct. 28, 1953	5.6	-
Sept. 16, 1957	5.4	-
May 18, 1959	3	-
Apr. 18, 1960	8.4	-
Sept. 14, 1960	6.2	-
Nov. 21, 1961	6.8	-
July 18, 1962	-	52.4

Date of collection	Chloride (ppm)	Temperature (°F)
Oct. 20, 1952	2	-
Nov. 19, 1952	6	-
June 15, 1953	8	-
Aug. 18, 1953	5	-
Sept. 17, 1953	8	-
Oct. 15, 1953	5	-
Dec. 13, 1953	5	-
Mar. 19, 1954	6	-
Apr. 16, 1954	4	-
May 20, 1954	4	-
July 17, 1954	5	-
Oct. 24,		

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Table 3.—Summary of chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N.Y.
[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations are shown on Plate I. See Table 4 for other data.]

Sampling station number	Map coordinates	Surface-water body	Locality	Chloride concentration				Water temperature			
				Period of record (years)	No. of samples	Solitary analysis or higher of 2 samples		Lower of 2 samples		Period of record (years)	No. of samples
						Chloride (ppm)	Date	Chloride (ppm)	Date		
Streams, ponds, or lakes											
NS1	B-5	Mott's Creek	Cedarhurst	1957	1	9,200	June 1, 1957	—	—	1957	June 1, 1957
NS2	B-5	do.	Hewlett	1957	22	June 1, 1957	—	—	—	1957	June 1, 1957
NS3	B-5	do.	Lynbrook	1957	17	June 1, 1957	—	—	—	1957	June 1, 1957
NS4	B-5	do.	do.	1957	25	June 1, 1957	—	—	—	1957	June 1, 1957
NS5	B-5	Watts Creek	Valley Stream	1957	3,980	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS6	B-5	do.	do.	1957	15	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS11	B-6	Mills River	East Rockaway	1957	5,430	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS12	B-6	do.	Rockville Centre	1957	600	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS13	B-6	Smith Pond	Lynbrook	1957	15	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS14	B-7	Freeport Creek	Freeport	1957	2,790	Apr. 5, 1957	8, 1957	—	—	1957	Apr. 8, 1957
NS15	B-7	do.	do.	1957	12	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS16	B-7	Meadow Pond	do.	1957	13	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS17	B-7	Freeport Creek	Simmons Creek	1957	15	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS18	B-7	do.	Merriek	1953	6,300	May 1, 1953	—	—	—	1957	Apr. 8, 1957
NS19	B-7	Jackson Creek	Be More	1957	1,600	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS20	B-7	Wantagh Stream	do.	1957	15	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS21	C-5	Valley Stream	Valley Stream	1957	19	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS22	C-6	Pines Brook	Lakeview	1957	7	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS23	C-6	do.	West Hempstead	1957	10	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS24	C-6	Horse Brook	Hempstead	1957	10	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS25	C-7	do.	do.	1957	14	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS26	C-7	East Meadow Brook	Rosevear ¹	1957	16	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS27	C-7	Wantagh Stream	Belmore	1957	18	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS28	C-7	Seaman Pond	North Belmore	1957	12	Apr. 8, 1957	—	—	—	1957	Apr. 8, 1957
NS29	C-8	Massapequa Pond	Massapequa	1957	8	Apr. 9, 1957	—	—	—	1957	Apr. 9, 1957
NS30	D-5	Lake Success	Lake Success	1957	17	Apr. 9, 1957	—	—	—	1957	Apr. 9, 1957
NS31	D-6	Roslyn Brook	Roslyn	1957	14	Apr. 9, 1957	9	June 30, 1957	1937	1957	Apr. 9, 1957
NS32	E-6	Cedar Swamp Creek	Glen Cove	1937-57	2	June 30, 1957	6	Apr. 9, 1957	1937	1957	Apr. 9, 1957
NS33	E-7	Mill Neck Creek	Mill Neck	1937-57	2	9	9, 1957	—	—	1957	Apr. 9, 1957
NS34	E-8	Beaver Lake	do.	1957	19	Apr. 9, 1957	—	—	—	1957	Apr. 9, 1957
NS35	E-8	Cold Spring Brook	Cold Spring Harbor	1957	1	Apr. 9, 1957	—	—	—	1957	Apr. 9, 1957
NS37	E-8	do.	do.	1957	10	Apr. 9, 1957	5	June 30, 1957	1957	1957	Apr. 9, 1957
NS38	E-8	Valley Stream	Valley Stream	1957-57	2	10	9, 1957	—	—	1957	Apr. 9, 1957
NS39	B-5	Pines Brook	Naevine	—	—	—	—	—	—	1957	Apr. 9, 1957
NS40	C-6	Hempstead Pond	do.	—	—	—	—	—	—	1957	Apr. 9, 1957
NS41	C-6	East Meadow Brook	Freeport ¹	—	—	—	—	—	—	1957	Apr. 9, 1957
NS42	C-7	Wantagh Stream	Wantagh	—	—	—	—	—	—	1957	Apr. 9, 1957
NS43	C-8	Massapequa Creek	Massapequa	—	—	—	—	—	—	1957	Apr. 9, 1957
NS44	D-6	Roslyn Brook	Roslyn	—	—	—	—	—	—	1957	Apr. 9, 1957
NS45	E-6	Cedar Swamp Creek	Glen Cove	—	—	—	—	—	—	1957	Apr. 9, 1957
NS46	E-7	Mill Neck Creek	Mill Neck	—	—	—	—	—	—	1957	Apr. 9, 1957
NS47	E-8	Cold Spring Brook	Cold Spring Harbor	—	—	—	—	—	—	1957	Apr. 9, 1957
NS48	E-8	do.	do.	—	—	—	—	—	—	1957	Apr. 9, 1957
Embankments											
NS7	B-5	Brookhaven Bay	Woodsburgh	1953	1	14,600	Aug. 13, 1953	14,700	Sept. 11, 1952	—	—
NS8	B-5	Rockaway Channel	Long Beach	1952	2	15,500	Sept. 11, 1952	—	—	—	—
NS9	B-5	Reynolds Channel	do.	1957	16,000	Aug. 25, 1947	—	—	—	—	—
NS35	E-7	Oyster Bay Cove	Oyster Bay	1953	1	11,000	Aug. 25, 1953	—	—	—	—
Ocean											
NS10	A-5	Atlantic Ocean	Long Beach	1947	1	17,000	Aug. 25, 1947	—	—	—	—

¹/ Includes solitary measurements, and higher of two measurements (NS41).

Table 4.--Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.

[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations shown on plate I. See table 3 for other data]

Date of collection	Chloride (ppm)	Temperature (°F)
NS1. (B-5.) Motts Creek, at southeasterly end of boat basin branching off from creek, approximately 500 feet in a northeasterly direction from the intersection of Rockaway and Peninsula Blvd., Cedarhurst.		
June 11, 1957	9200	71.5
NS2. (B-5.) Motts Creek, south branch, immediately west of the intersection of Mill Rd. and Peninsula Blvd., Hewlett.		
June 11, 1957	22	72.9
NS3. (B-5.) Motts Creek, south branch, north of the intersection of Rockaway Ave. and Peninsula Blvd., Lynbrook.		
June 11, 1957	17	69.5
NS4. (B-5.) Motts Creek, south branch, south side of culvert underlying Sunrise Highway, immediately east of the intersection with Peninsula Blvd., Lynbrook.		
June 14, 1957	25	59.5
NS5. (B-5.) Watts Creek, north side of Ocean Ave., about 0.9 mile south of Sunrise Highway, Valley Stream.		
Apr. 8, 1957	3,980	49.6
NS6. (B-5.) Watts Creek, south side of Sunrise Highway, Valley Stream.		
Apr. 8, 1957	15	49.4
NS7. (B-5.) Brosewere Bay, foot of Woodsburgh Dock, Woodsburgh.		
Aug. 13, 1953	14,600	-
NS8. (B-5.) Rockaway Channel, at channel terminus of Indiana St., near well N3448, Long Beach.		
Sept. 11, 1952	14,700	-
	15,500	-
NS9. (B-5.) Reynolds Channel, along sea wall, at channel terminus of Laurelton Blvd., Long Beach.		
Aug. 25, 1947	16,000	-

Date of collection	Chloride (ppm)	Temperature (°F)
NS10. (A-5.) Atlantic Ocean, along breakwater 50 feet offshore, at ocean terminus of Laurelton Blvd., Long Beach.		
Aug. 25, 1947	17,000	-
NS11. (B-6.) Mills River, at south side of Atlantic Ave., East Rockaway.		
Apr. 8, 1957	5,430	47.7
NS12. (B-6.) Mills River, north side of S. Park Ave., Rockville Center.		
Apr. 8, 1957	600	49.1
NS13. (B-6.) Smith Pond, northwest corner of pond, Lynbrook.		
Apr. 8, 1957	15	51.0
NS14. (B-7.) Freeport Creek, at south side of Mill Rd., Freeport.		
Apr. 8, 1957	5,430 7,250	48.9 48.4
NS15. (B-7.) Freeport Creek, at south side of Merrick Rd., Freeport.		
Apr. 8, 1957	12	50.4
NS16. (B-7.) Meadow Pond, southwest corner of pond, Freeport.		
Apr. 8, 1957	13	50.3
NS17. (B-7.) Freeport Creek, at north side of Hempstead-Babylon Tpke., Freeport.		
Apr. 8, 1957	15	51.1
NS18. (B-7.) Simmonds Creek, Merrick Town Dock, Merrick.		
May 13, 1953	6,300	-
NS19. (B-7.) Jackson Creek, at south end of Hempstead Lane, Bellmore.		
Apr. 8, 1957	1,600	49.6
NS20. (B-7.) Wantagh Stream, at south end of pond near Merrick Rd., behind spillway, Bellmore.		
Apr. 8, 1957	15	49.6

Date of collection	Chloride (ppm)	Temperature (°F)
NS21. (C-5.) Valley Stream Pond, north end of pond, Valley Stream.		
Apr. 9, 1957	19	51.5
NS22. (C-6.) Pines Brook, north side of Johnson La., Lakeview.		
Apr. 8, 1957	19	48.0
NS23. (C-6.) Pines Brook, about 50 feet west of the western terminus of Henry St., West Hempstead.		
Apr. 8, 1957	7	47.5
NS24. (C-6.) Horse Brook, at north side of Tyler Ave., Hempstead.		
Apr. 8, 1957	10	51.6
NS25. (C-6.) Horse Brook, west of intersection of Jackson St. and Belmont Ave., Hempstead.		
Apr. 8, 1957	10	49.6
NS26. (C-7.) East Meadow Brook, pond adjacent to and west of Meadowbrook State Pkwy., approximately 0.6 mile south of Southern State Pkwy., Roosevelt.		
Apr. 8, 1957	14	51.8
NS27. (C-7.) Seaman Pond, at south end of pond near Park Ave., behind spillway, Bellmore.		
Apr. 8, 1957	16	49.9
NS28. (C-7.) Wantagh Stream, north side of Jerusalem Ave., North Bellmore.		
Apr. 8, 1957	18	51.7
NS29. (C-8.) Massapequa Pond, south end of pond near N.Y. City Dept. of Water Supply, Gas & Electricity pumping station, Massapequa.		
Apr. 8, 1957	12	49.5
NS30. (D-5.) Lake Success, northeast corner of lake, Lake Success.		
Apr. 9, 1957	8	55.1
NS31. (D-6.) Roslyn Brook, pond at head of brook in Roslyn Park, Roslyn.		
Apr. 9, 1957	17	53.6

Table 4--Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
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NS32. (E-6.) Cedar Swamp Creek, at east end of culvert passing under municipal parking lot and U.S. Post Office, Glen Cove.

June 30, 1937	9	-
Apr. 9, 1957	14	47.9

NS33. (E-7.) Mill Neck Creek, near intersection of Frost Mill and Beaver Brook Rds., Mill Neck.

June 30, 1937	10	-
Apr. 9, 1957	6	46.3

NS34. (E-7.) Beaver Lake, south side of and behind spillway located at the northwest corner of the lake, Mill Neck.

Apr. 9, 1957	9	45.7
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NS35. (E-7.) Oyster Bay Cove, foot of Cove Landing Rd., at embayment, Oyster Bay.

Aug. 21, 1953	11,000	-
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NS36. (E-8.) Cold Spring Brook, near Stillwell Lane, approximately 0.5 mile west of Cold Spring Harbor Rd., Cold Spring Harbor.

Apr. 9, 1957	19	45.9
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NS37. (E-8.) Cold Spring Brook, approximately 0.8 mile south of Route 25A, Cold Spring Harbor.

Apr. 9, 1957	10	44.2
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NS38. (E-8.) Cold Spring Brook, pond behind dam located south of N.Y. State Fish Hatchery, Cold Spring Harbor.

June 30, 1937	5	-
Apr. 9, 1957	10	46.6

Month	Temperature (°F)		
	High	Low	Median

NS39. (B-5.) Valley Stream, 40 feet upstream from West Valley Stream Blvd., Valley Stream.

Jan.	42	34	37.5
Feb.	45	38	39.5
Mar.	51	39	42
Apr.	59	39	50.5
May	64	55	60
June	78	67	73
July	80	70	74
Aug.	79	69	72
Sept.	77	62	64
Oct.	71	55	63
Nov.	56	45	52
Dec.	44	38	40

NS40. (C-6.) Pines Brook, 100 feet downstream from Lakeview Ave., Malverne.

Jan.	50	35	40
Feb.	57	34	40
Mar.	53	40	48
Apr.	67	48	53
May	68	56	62
June	78	64	72
July	82	64	74
Aug.	79	60	72
Sept.	77	59	67
Oct.	68	51	58
Nov.	57	38	48
Dec.	48	38	45

NS41. (C-6.) Hempstead Pond, at tail water end of spillway, south end of pond, north side of Lakeview Ave., Malverne.

Jan.	40	33	36
Feb.	37	35	36
Mar.	50	-	-
Apr.	62	46	56
May	70	58	64.5
June	64	-	-
July	80	74	77.5
Aug.	81	75	77.5
Sept.	72	60	67.5
Oct.	62	58	60
Nov.	51	44	45
Dec.	42	-	-

NS42. (C-7.) East Meadow Brook, 50 feet upstream from bridge at Hempstead-Babylon Tpke. and 300 feet west of East Meadowbrook Pkwy., Freeport.

Jan.	46	38	42
Feb.	48	38	42
Mar.	50	42	47
Apr.	58	41	51.5
May	67	55	59
June	76	59	66
July	78	66	71
Aug.	77	64	70.5
Sept.	74	62	65
Oct.	67	33	59.5
Nov.	57	46	50
Dec.	51	37	43

NS43. (C-7.) Wantagh Stream, east side of Wantagh Pkwy., at northwest village boundary, Wantagh.

Jan.	51	39	45
Feb.	53	38	45
Mar.	59	42	47
Apr.	59	49	55
May	69	53	60.5
June	71	58	62
July	76	61	69.5
Aug.	72	58	67
Sept.	75	52	64
Oct.	68	48	59
Nov.	60	44	52
Dec.	55	34	45

Month	Temperature (°F)		
	High	Low	Median

NS44. (C-8.) Massapequa Creek, left bank 350 feet west of intersection of Garfield St. and Lake Shore Dr., Massapequa.

Jan.	51	41	45
Feb.	51	39	44
Mar.	58	41	48.5
Apr.	72	42	53.5
May	61	49	56
June	75	53	60.5
July	73	60	64
Aug.	79	58	64
Sept.	79	54	59
Oct.	60	50	56
Nov.	60	42	50
Dec.	53	41	47.5

NS45. (D-6.) Roslyn Brook, 200 feet below spillway, Roslyn Park, Roslyn.

Jan.	49	38	45
Feb.	43	40	41
Mar.	48	-	-
Apr.	59	47	51
May	65	59	61
June	67	65	66
July	70	64	67.5
Aug.	65	61	63
Sept.	67	62	64
Oct.	53	-	-
Nov.	50	48	49
Dec.	33	-	-

NS46. (E-6.) Cedar Swamp Creek, downstream side of highway bridge at culvert draining to pond in Pratt Park, 1 block west of post office, Glen Cove.

Jan.	48	40	43
Feb.	52	42	47
Mar.	55	40	48
Apr.	59	49	52
May	67	52	57
June	74	56	59
July	68	57	60.5
Aug.	65	59	60
Sept.	64	55	59
Oct.	60	51	56
Nov.	59	50	53.5
Dec.	50	35	49.5

NS47. (E-7.) Mill Neck Creek, at spillway of Beaver Lake, 30 feet south of Feeks La. (Cleft Rd.) Bridge, Mill Neck.

Jan.	40	32	37.5
Feb.	44	33	37
Mar.	56	39	45.5
Apr.	68	45	55
May	73	53	64
June	83	65	75
July	83	72	78.5
Aug.	85	67	76
Sept.	85	57	66.5
Oct.	65	46	58.5
Nov.	54	34	43
Dec.	47	33	38

NS48. (E-8.) Cold Spring Brook, left bank 270 feet upstream from State Highway 25A, at Cold Spring Harbor State Fish Hatchery, Cold Spring Harbor.

Jan.	45	37	40
Feb.	45	38	41
Mar.	54	39	45
Apr.	61	46	53.5
May	66	48	63
June	78	59	70
July	78	68	74
Aug.	77	61	72
Sept.	75	58	63
Oct.	62	48	56
Nov.	50	40	47.5
Dec.	47	35	40

